PROGRAMMING GUIDE

XTL/XTLC
CONTROL PANEL

MODEL XTL/XTLC
CONTROL PANEL PROGRAMMING GUIDE

When using the XTL/XTLC control for any listing organization's approved methods, refer to this manual and the XTL/XTLC Installation Guide. These documents outline the installation and programming requirements of all applications for which the XTL/XTLC is approved.

FCC Notice

This equipment generates and uses radio frequency energy and, if not installed and used properly in strict accordance with the manufacturer's instructions, may cause interference with radio and television reception. It has been type tested and found to comply with the limits for a Class B computing device in accordance with the specification in Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference in a residential installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and on, the installer is encouraged to try to correct the interference by one or more of the following measures:

Reorient the receiving antenna

Relocate the computer with respect to the receiver

Move the computer away from the receiver

Plug the computer into a different outlet so that computer and receiver are on different branch circuits

If necessary, the installer should consult the dealer or an experienced radio/television technician for additional suggestions. The installer may find the following booklet, prepared by the Federal Communications Commission, helpful:

"How to identify and Resolve Radio-TV Interference Problems."

This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402

Stock No. 004-000-00345-4

© 2015 Digital Monitoring Products, Inc.

Information furnished by DMP is believed to be accurate and reliable.

This information is subject to change without notice.

TABLE OF CONTENTS

Introduction 1

1.1 Before You Begin 1
Programming Information Sheet 1
1.2 Getting Started 1
Initializing the Panel 1
Program from an LCD or Wireless Keypad 1
Accessing the Programmer 1
1.3 Programming Menu 1
1.4 Programmer Lockout Codes 2
Installing a lockout code 2
1.5 Reset Timeout 2
1.6 Keypad 3
1.7 Special Keys 3
COMMAND (CMD) Key 3
Back Arrow (<—) Key 3
Select Keys 3
1.8 Entering Alpha Characters 3
1.9 Entering Non-Alpha Characters 4
1.10 Keypad Displays Current Programming 4

Initialization 5

2.1 Initialization 5
2.2 Clear All Codes 5
2.3 Clear All Schedules 5
2.4 Clear Events 5
2.5 Clear Zone Programming 5
2.6 Clear Communication 5
2.7 Set to Factory Defaults 5

Communication 6

3.1 Communication 6
3.2 Account Number 6
3.3 Transmission Delay 6
3.4 Communication Type 6
3.5 Test Time 6
3.6 Test Days 6
3.7 Cell Check In 6
3.8 Fail Time 6
3.9 First GPRS APN (XTL Only) 6
3.10 Second GPRS APN (XTL Only) 7
3.11 Receiver 1 Programming 7
3.12 Alarm Reports 7
3.13 Supervisory/Trouble Reports 7
3.14 Opening/Closing and User Reports 7
3.15 Test Report 7
3.16 First IP Address 7
3.17 First IP Port 7
3.18 Second IP Address 7
3.19 Second IP Port 7
3.20 Receiver 2 Programming 7
3.21 Alarm Reports 7
3.22 Supervisory/Trouble Reports 7
3.23 Opening/Closing and User Reports 7
3.24 Test Report 8
3.25 First IP Address 8
3.26 First IP Port 8
3.27 Second IP Address 8
3.28 Second IP Port 8

TABLE OF CONTENTS

Messaging Setup 9

4.1 Messaging Setup 9
4.2 Enable Messaging 9
4.3 System Name 9
4.4 Destination 1 9
4.5 Destination 1 User Number 9
4.6 Destination 2 9
4.7 Destination 2 User Number 9
4.8 Destination 3 9
4.9 Destination 3 User Number 9
4.10 O/C Email 10
4.11 O/C SMS 10
4.12 Monthly Limit 10

Device Setup 11

5.1 Device Setup 11
5.2 Device Number 11
5.3 Device Name 11
5.4 Wireless 11
5.5 Serial Number 11
5.6 Supervision Time 11

Remote Options 12

6.1 Remote Options 12
6.2 Remote Key 12
6.3 Remote Disarm 12

System Reports 13

7.1 System Reports 13
7.2 Opening/Closing Reports 13
7.3 Abort Reports 13
7.4 Zone Restoral Reports 13
7.5 Bypass Reports 13
7.6 Code Change Reports 13
7.7 Ambush 13
7.8 Late To Open 13
7.9 Early To Close 13

System Options 14

8.1 System Options 14
8.2 System 14
8.3 Closing Code 14
8.4 Closing Check 14
8.5 Entry Delay 1 14
8.6 Exit Delay 14
8.7 Cross Zone Time 15
8.8 Power Fail Delay 15
8.9 Swinger Bypass Trips 15
8.10 Reset Swinger Bypass 15
8.11 Zone Activity Hours 15
8.12 Arm Activity Days 15
8.13 Time Zone Changes 16
8.14 Time Display 16
8.15 House Code 16
8.15.1 Detect Wireless Jamming 16
8.15.2 Wireless Audible Annunciation 16
8.16 Enable Keypad Panic Keys 16
8.17 Occupied Premises 17
8.18 Use False Alarm Question 17
8.19 Weather Zip Code 17

Bell Options.....18
9.1 Bell Options.....18
9.2 Bell Cutoff Time.....18
9.3 Automatic Bell Test.....18
9.4 Bell Output.....18
9.5 Bell Action.....18
9.5.1 Fire.....18
9.5.2 Burglary.....18
9.5.3 Supervisory.....18
9.5.4 Panic.....18
9.5.5 Emergency.....18
9.5.6 Auxiliary 1.....18
9.5.7 Auxiliary 2.....18

Output Options.....19
10.1 Output Options.....19
10.2 Communication Failure Output.....19
10.3 Fire Alarm Output.....19
10.4 Panic Alarm Output.....19
10.5 Entry Output.....19
10.6 Begin Exit Output.....19
10.7 End Exit Output.....19
10.8 Armed Output.....19
10.9 Disarmed Output.....20
10.10 Burglary Output.....20
10.11 Ready Output.....20
10.12 Arm-Alarm Output.....20
10.13 Heat Saver Temperature.....20
10.14 Cool Saver Temperature.....20

Output Information.....21
11.1 Output Information.....21
11.2 Output Number.....21
11.3 Output Name.....21
11.4 Serial Number.....21
11.5 Supervision Time.....21
11.6 Trip with Panel Bell Option.....21

Area Information.....22
12.1 Area Information.....22
12.2 Area Number.....22
12.3 Area Name.....22
12.4 Automatic Arming.....22
12.4.1 Bad Zones.....22
12.5 Automatic Disarming.....22

Zone Information.....23
13.1 Zone Information.....23
13.2 Zone Number.....23
13.3 Key Fob.....23
13.4 Zone Name.....24
13.5 Zone Type.....24
13.6 Area Assignment.....24
13.7 Arming Zone Assignment.....24
13.7.1 Style.....25
DMP Wireless.....25
13.9 Serial Number Entry.....25
13.10 Contact.....25
13.10.1 Supervision Time.....26
13.10.2 LED Operation.....26

13.10.3 Disarm/Disable 26
13.10.4 Wireless PIR Pulse Count 26
13.10.5 Wireless PIR Sensitivity 26
13.10.6 Next Zone 26
13.11 Series Key Fobs 27
13.11.1 Key Fob User Number 27
13.11.2 Key Fob Serial Number 27
13.11.3 Key Fob Supervision Time 27
13.11.4 Number of Key Fob Buttons 27
13.11.5 Key Fob Button Selection (Four Buttons) 27
13.11.6 Key Fob Button Selection (Two Buttons) 27
12.11.7 Button Action 27
13.11.8 Button Press Time 28
13.11.9 Arm/Disarm Area Selection 28
13.11.10 Output Number 28
13.11.11 Output Action 28
13.12 Alarm Action 29
13.13 Disarmed Open 29
13.13.1 Message To Transmit 29
12.13.2 Output Number 29
13.13.3 Output Action 30
13.14 Swinger Bypass 30
13.15 Prewarn Address 30
13.16 Entry Delay 30
13.17 Cross Zone 30
13.18 Priority 31
13.19 Traffic Count 31
13.20 Zone Audit Days 31
13.21 Receiver Routing 31
13.22 Zone Number 31

Stop 32
14.1 Stop 32

Set Lockout Code 32
15.1 Set Lockout Code 32

Appendix 33
16.1 Status List 33
16.2 Transmission Delay 33
16.3 False Alarm Reduction 33
System Recently Armed report 33
16.4 Diagnostics Function 33
Cellular Status 33
Cellular Signal Strength (CELL SIGNAL) 33
Cell Roaming Indicator on XTLC 34
Cellular Activation 34
Activation for XTL 34
Activation for XTLC 34
Panel Settings 34
Serial Number 34
Panel Model 34
Firmware Version 34
Z-Wave Test Option 34
Exiting the Diagnostics program 34
16.5 Using the 984 Command Function 35
16.6 Using the Walk Test 35
Walk Test 35
Trip Counter For DMP Wireless Check-in Test (WLS) 35
Test End Warning 35

Failed Zones Display....35
16.7 Keypad Speaker Operation....36
16.8 Cross Zoning....36
16.9 Zone Type Descriptions....36
16.9 Zone Type Defaults....38
16.10 Common Keypad Messages....39
16.11 Z-Wave Certification Information....39

Revisions to This Document....40

Certifications....42

Introduction

1.1 Before You Begin

Before starting to program, we recommend you read through the contents of this manual. The information in this document allows you to quickly learn the programming options and operational capabilities of the XTL/XTLC panel.

After this Introduction, the remaining sections describe the functions of each programming menu items along with their available options. The XTL/XTLC contains all of its programming information in an on-board processor and does not require an external programmer.

In addition to this manual, you should also be familiar with the following documents:

- XTL/XTLC Installation Guide (LT-1105)
- XTL/XTLC/XTLN/XTLN-WiFi User's Guide (LT-1109)
- XTL/XTLC Programming Sheet (LT-1095)

Programming Information Sheet

Included with each XTL/XTLC panel is the Programming Sheet. This sheet lists the various options available for programming the panel. Before starting, completely fill out the sheet with the programming options you intend to enter into the panel.

Having completed programming sheets available while entering data helps to prevent errors and can shorten the length of time you spend programming. Completed sheets also provide you with an accurate account of the panel's program you can keep on file for future system service or expansion.

The remainder of the Introduction explains starting and ending a programming session.

1.2 Getting Started

Ground Yourself Before Handling the Panel! Touch any grounded metal before touching the panel to discharge static.

The XTL/XTLC panel should be completely installed before you begin programming. Make sure the AC and battery wires are correctly installed.

Initializing the Panel

When programming a panel for the first time or rewriting the entire program of an existing XTL/XTLC, use the **Initialization** function described in section 2. Initializing clears the panel's memory of any old data and sets the highest numbered user number to user code 99.

Program from an LCD or Wireless Keypad

You can program the panel using an LCD Keypad connected to the panel PROG header.

Wireless Keypads can be used for panel programming after being programmed in the panel manually or by using the Wireless Keypad Association operation.

To enable association operation in the panel, press the XTL/XTLC RESET button 3 times within 12 seconds allowing 3 seconds between each press of the reset button. When in keypad association, the XTL/XTLC Red and Green logo LEDs turn on steady.

For 60 seconds the panel listens for wireless keypads that are in the Installer Options Menu (3577 CMD) and have not been programmed, or associated into another panel. Those keypads are assigned to the first open device position automatically based upon the order in which they are detected. The keypad logo turns Green to indicate it has been associated with the panel. See the 9000 Series Wireless Keypad Installation Guide (LT-1107) for additional information.

Note: Programming can not be accessed using an Icon Series keypad. Use a 32-character keypad to complete the panel programming.

Accessing the Programmer

To access the programmer function of the XTL/XTLC:

1. If using a standard LCD keypad, connect to the PROG header and set the keypad to Address 1.
2. If using a wireless LCD keypad, make sure panel communication has been established and the user menu appears on an associated keypad before continuing.
3. Press the RESET button for two seconds.
4. Enter the code 6653 (PROG).
5. The keypad displays: **PROGRAMMER**.
6. Remove the hardwired keypad (if used) when programming is completed.

1.3 Programming Menu

You are now ready to start programming the XTL/XTLC panel. Pressing the COMMAND key scrolls you through the programming menu items listed below.

Menu Item	Section in This Manual	Menu Item	Section in This Manual
Initialization	2	Output Options	10
Communication	3	Output Information	11
Messaging Setup	4	Area Information	12
Device Setup	5	Zone Information	13
Remote Options	6	Stop	14
System Reports	7	Set Lockout Code	15
System Options	8	Appendix	16
Bell Options	9		

To select a section for programming, press any Select key when the name of that section displays on the keypad. The detailed instructions for each programming step are found in sections 2 to 17 of this manual.

1.4 Programmer Lockout Codes

Although the XTL/XTLC panel allows access to Programming without a lockout code, it is available to program one to restrict programming access to authorized individuals only. You can do this by using **SET LOCKOUT CODE** at the end of the programming menu.

Installing a lockout code

1. After entering the Programmer menu, the keypad displays **PROGRAMMER**. Press the COMMAND key until **SET LOCKOUT CODE** is displayed (after **STOP**).
2. Press any Select key. At the **ENTER CODE: -** display, enter a 1- to 5-digit programmer lockout code. Press COMMAND.
3. The display shows **ENTER AGAIN**. Enter the same lockout code again and press COMMAND. The display shows **CODE CHANGED**. The new code number must now be entered before the Programmer menu can be accessed.

The lockout code should be written down and kept in a secure place with access limited to authorized persons only.

Lost Lockout Code requires factory reset: If you lose or forget the lockout code, the panel must be sent back to the factory to be reset. There is no field option for gaining access to the panel without a valid lockout code.

1.5 Reset Timeout

The XTL/XTLC has a feature that requires you to enter the Programmer within 30 minutes of resetting the panel. After 30 minutes, if you attempt to program by entering the 6653 (PROG) code, the keypad displays: **RESET PANEL**. You must reset the panel and enter the program code within the next 30 minutes.

If you are already in the Programmer and do not press any keys on the programming keypad for 30 minutes, the panel terminates programming. All data entered up to that point is saved in the panel's memory.

To exit the panel's Programmer you must use the Stop function. The **STOP** option is the second to the last option in programming. The programming session is then terminated and the keypad returns to the Status List.

1.6 Keypad

Connect up to four DMP 9060 and 9063 Wireless LCD Keypads to the XTL/XTLC panel. The operation is shown and described in the following sections.

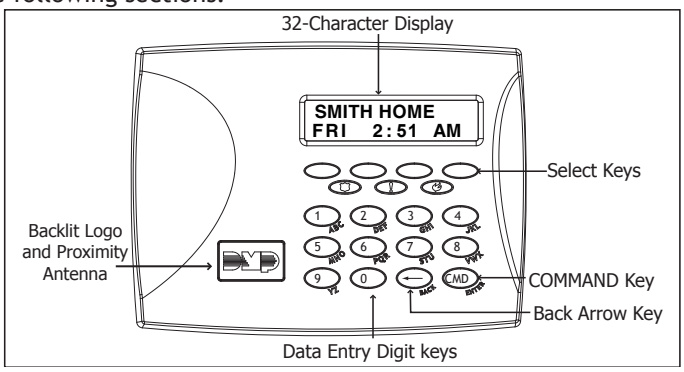


Figure 1: 9000 Series Wireless Keypad

1.7 Special Keys

The following special keys are common to all DMP keypads.

COMMAND (CMD) Key

Pressing the COMMAND key allows you to go forward through the programming menu and through each step of a programming section. As you go through the programming, the keypad display shows any current programming already stored in the panel memory. If no change is required for an option, press the COMMAND key to advance to the next step.

The COMMAND key is also used to enter information into the panel's memory such as phone numbers or zone names. Press the COMMAND key after entering information.

Back Arrow (<—) Key

Use the Back Arrow key to back up one step while programming. The Back Arrow key is also used when an error is made while entering information. Press the Back Arrow key once to erase the last character entered.

Select Keys

The top row of keys are called the Select keys on the 9000 Series Wireless Keypad.

Each time you need to press a Select key on 9000 Series keypad, the keypad displays the function or options above one of the keys. Displaying choices above individual Select keys allows them to be used for many different applications. For example, you can enter AM or PM when programming the automatic test time or answer YES or NO for a system option.

During programming, the Select keys also allow you to change information currently in panel memory by pressing the appropriate Select key under or on the display. You then enter the new information using the keypad data entry digit keys. The Select keys are also used for choosing a section from the programming menu. When the programming section name you want displays, press any Select key.

When there are more than four response options available, press the COMMAND key to display the next one to four options. Pressing the Back Arrow key allows you to review the previous four choices.

Note: When instructed to press the first Select key, press the far left Select key; the second Select key is the second from the left; third Select key is second from the right; and the fourth Select key is the far right key. See Figure 2.

1.8 Entering Alpha Characters

Some options during programming require you to enter alpha characters. To enter an alpha character, press or touch the key that has that letter written below it. The keypad displays the number digit of the key. Next, press the Select key that corresponds to the location of the letter under the key. Pressing a different Select key changes the letter. When another digit key is pressed, the last letter displayed is retained and the process starts over.

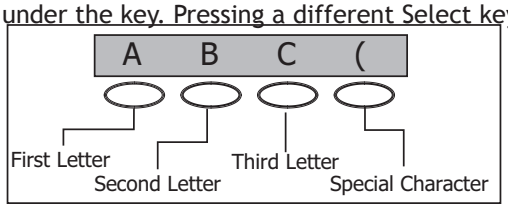


Figure 2: 9060/9063 Select Keys

1.9 Entering Non-Alpha Characters

To enter a space in an alpha entry, press the 9 digit key followed by the third Select key. The three characters on the 9 digit key are Y, Z, and space. You can also enter the following characters: – (dash), . (period), * (asterisk), and # (pound sign) using the 0 (zero) key and the four Select keys from left to right. For example, to enter a – (dash), press the 0 (zero) key and then the left Select key. A dash now appears in the keypad display. The table below shows the character locations for DMP keypads.

Key Number	Select Key 1	Select Key 2	Select Key 3	Select Key 4
1	A	B	C	(
2	D	E	F	)
3	G	H	I	!
4	J	K	L	?
5	M	N	O	/
6	P	Q	R	&
7	S	T	U	@
8	V	W	X	,
9	Y	Z	space	_
0	-	.	*	#

1.10 Keypad Displays Current Programming

Each programming option displayed at the keypad shows the currently selected option in the panel memory. These options are either shown as a number, a blank, or a **NO** or **YES**. To change a number or blank to a new number, press any top row Select key. The current option is replaced with a dash. Press the number(s) on the keypad you want to enter as the new number for that option. It is not necessary to enter numbers with leading zeros. The panel automatically right justifies the number when you press the COMMAND key.

To change a programming option that requires a **NO** or **YES** response, press the Select key for the response not selected. See Figure 3.

For example, if the current option is selected as **YES** and you want to change it to **NO**, press the third top row Select key. The display changes to **NO**. Press the COMMAND key to display the next option.

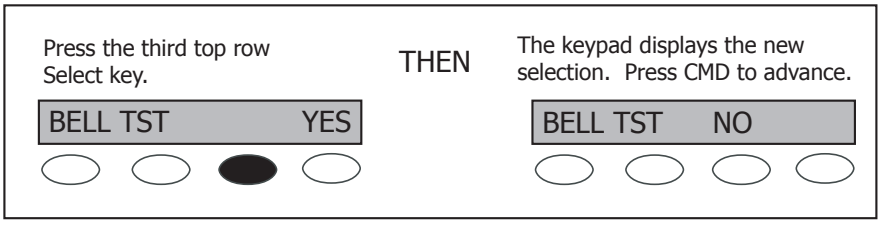

Press the third top row Select key.
THEN
The keypad displays the new selection. Press CMD to advance.
BELL TST YES
BELL TST NO

Figure 3: Changing the Current Programming Option

Initialization

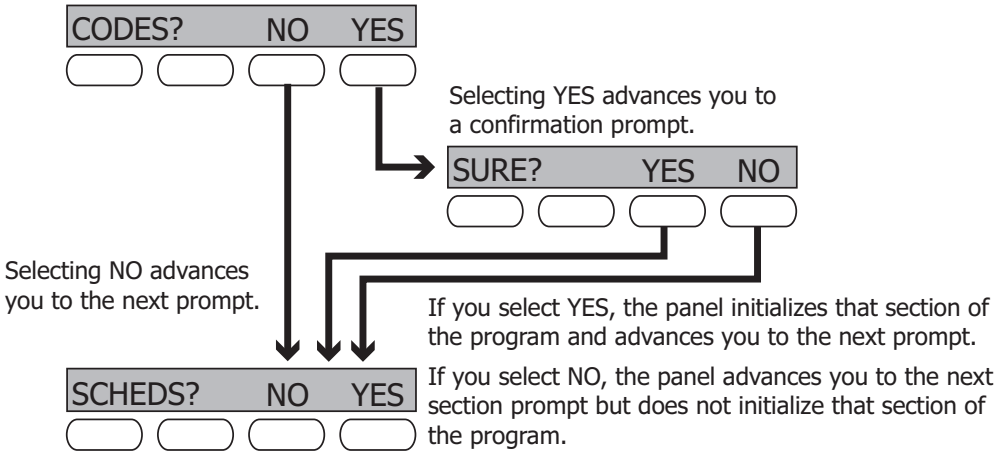
2.1 Initialization

INITIALIZATION

This function allows you to set the panel's programmed memory back to the factory defaults in preparation for system programming.

After you select YES to clear a section of memory, the panel asks if you are sure you want to clear the memory. This is a safeguard against accidently erasing part of your programming. No memory is cleared from the programming until you answer YES to the SURE? YES NO option.

For each section of the panel program you can initialize, a NO or YES option is provided.


CODES? NO YES
Selecting YES advances you to a confirmation prompt.
SURE? YES NO
Selecting NO advances you to the next prompt.
If you select YES, the panel initializes that section of the program and advances you to the next prompt.
SCHEDS? NO YES
If you select NO, the panel advances you to the next section prompt but does not initialize that section of the program.

2.2 Clear All Codes

CODES? NO YES
SURE? YES NO

NO leaves existing user codes intact.

YES clears the user code memory and assigns the user code number 99 to user 30 on the XTL/XTLC.

2.3 Clear All Schedules

SCHEDS? NO YES
SURE? YES NO

NO - Leaves existing schedules intact.

YES - Clears all schedules from panel programming.

2.4 Clear Events

EVENTS? NO YES
SURE? YES NO

NO leaves existing event memory intact.

YES clears all event memory currently held in the panel's Display Events buffer.

2.5 Clear Zone Programming

ZONES? NO YES
SURE? YES NO

NO leaves existing zone information intact.

YES sets all zones in the system to * UNUSED *

2.6 Clear Communication

COMM? NO YES
SURE? YES NO

NO - Leaves existing communication and messaging programming intact.

YES - Clears communication and messaging programming to factory defaults.

2.7 Set to Factory Defaults

DEFAULTS? NO YES
SURE? YES NO

NO leaves the remainder of the existing panel programming intact.

YES sets the panel's programming back to factory default selections and clears all Z-Wave device programming and all Favorites from the panel. Selecting **YES** does **not** clear the panel's event memory, zone, user code information, or schedules.

Communication

3.1 COMMUNICATION

Communication

The **Communication** section allows you to configure the communication settings for the XTL/XTLC panel. After choosing the Communication Type, continue through the list of options.

3.2 ACCOUNT NO:

Account Number

Enter the account number sent to the receiver.

The range of account numbers are 1 to 65535. For account numbers of four digits or less, you do not have to enter leading zeros. The panel automatically right justifies the account number.

3.3 XMIT DELAY: **30**

Transmission Delay

Enter the number of seconds (15 to 45 seconds) the panel waits before sending burglary alarm reports to the receiver. The wireless siren and relay outputs are not delayed during this period. Enter 0 (zero) to disable this function. The default is 30.

3.4

COMM TYPE: **CELL**
CELL NONE

Communication Type

This specifies the communication method the panel uses to contact the receiver. Press any Select key to display the following communication options:

CELL - Cellular communication to DMP Model SCS-1R or SCS-VR Receivers.

NONE - For local systems. Selecting this ends communication programming.

Note: XTLC cellular communication must be activated using the Activate Cell option provided in section 17.4 Diagnostics Function located in the Appendix.

3.5

TEST TIME
00:00 AM PM

Test Time

Press COMMAND to enter the Test Time. Enter the time of day the panel sends the test report to the SCS-1R Receiver. Use entries between 12:00 to 11:59 and then choose AM or PM.

3.6 CELL TST DAYS: 1

Test Days

Enter how often the panel test report is sent to the receiver. Enter from 1 to 60 days. Enter zero to disable the test report· Default is 1 (one) day. This option only displays if a test time is entered.

3.7 CELL CHECKIN: 0

Cell Check In

Check-in reports are a method of supervising the panel for communication with the receiver.

Enter the number of minutes between check-in reports. Select from 0 or 3-240 minutes. Enter 0 (zero) to disable the check-in option. Default is 0.

Note: If Cell Check-in option is used, additional cell charges may apply.

3.8 FAIL TIME: 240

Fail Time

Fail Time allows the SCS-1R or SCS-VR receiver to miss a defined number of check-ins before logging that the panel is missing. For example, if **CELL CHECKIN** is 20 and **FAIL TIME** is 30, the SCS-1R receiver only indicates a Panel Not Responding after 30 minutes. The **FAIL TIME** must be equal to or greater than the **CELL CHECKIN** minutes: If the CHECKIN is 20 minutes, the **FAIL TIME** must be 20 or more. The maximum **FAIL TIME** is 240 minutes. Select from 0 or 3-240 minutes. The default **FAIL TIME** is 240 minutes.

Closing Wait operation: Closing Wait operation is activated if Fail Time is set to 3 minutes and O/C Reports in System Reports is YES and O/C User reports in Communication Programming is set to YES.

Closing Wait provides a delay time before a monitored system arms until the panel receives an acknowledgment of the closing report from the central station receiver. During the delay, the keypad displays ONE MOMENT . . . Once the closing is acknowledged from the SCS-1R receiver, the keypad buzzes for one second and then displays an armed status message. If the primary communication fails, the message LOCAL ALARM ONLY appears.

3.9

FIRST GPRS APN
SECURECOM400
-

First GPRS APN (XTL Only)

Enter the first APN (Access Point Name). This allows an access point for cellular communication and is used to connect to a DNS network. The APN may contain two lines of 16 characters to equal 32 characters. Default is set to SECURECOM400.

3.10 SECOND GPRS APN / SECURECOM400 / -

Second GPRS APN (XTL Only)

Enter the second APN (Access Point Name). This works as a backup in case the first APN fails. The APN may contain two lines of 16 characters to equal 32 character Default is set to SECURECOM400.

3.11 RECEIVER 1 PROG

Receiver 1 Programming

Allows you to set the options for the first receiver the panel attempts to contact when sending reports. The XTL/XTLC supports communication to two receivers.

3.12 ALARM NO **YES**

Alarm Reports

YES enables Abort, Alarm, Alarm Restoral, Alarm Bell Silenced, Ambush, Exit Error, and System Recently Armed reports to be sent to this receiver. Default is YES.

3.13 SPV/TRBL NO **YES**

Supervisory/Trouble Reports

YES enables Supervisory, Trouble, Trouble Restoral, Force Armed, Late to Close, and Fault reports to be sent to this receiver. Default is YES.

3.14 O/C USER **NO** YES

Opening/Closing and User Reports

YES enables Opening/Closing, Code Changes, and Bypass reports by user to be sent to this receiver. Default is NO.

3.15 TEST RPT NO **YES**

Test Report

Enter **YES** to enable the Recall Test report to be sent to this receiver.

3.16 FIRST IP ADDR 000.000.000.000

First IP Address

Enter the first (primary) IP address where the panel sends cell messages. Enter all 12 digits and leave out the periods. For example, enter IP address 192.168.0.250 as 192168000250. The periods display automatically.

The message is sent using first GPRS APN and the first IP Address. If no acknowledgment is received, first GPRS APN and the second IP address are used, followed, if needed, by second GPRS APN and first and second IP addresses, respectively.

3.17 FIRST IP PORT **2001**

First IP Port

Enter the first IP port number to be used in conjunction with the first IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is 2001.

3.18 SECOND IP ADDR 000.000.000.000

Second IP Address

Enter the second IP address where the panel sends network messages. Enter all 12 digits and leave out the periods. For example, enter IP address 192.168.0.250 as 192168000250. The periods display automatically.

3.19 SECOND IP PORT **2001**

Second IP Port

Enter the second IP port number to be used in conjunction with the second IP address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is 2001.

3.20 RECEIVER 2 PROG

Receiver 2 Programming

Allows you to set the options for the second receiver the panel attempts to contact when sending reports. The XTL/XTLC supports communication to two receivers. If you select **YES** for any of the Receiver 2 options, you must have at least one IP address programmed in Receiver 2 programming. Receiver 2 defaults are set to **NO**.

3.21 ALARM **NO** YES

Alarm Reports

YES enables Abort, Alarm, Alarm Restoral, Alarm Bell Silenced, Ambush, Exit Error, and System Recently Armed reports to be sent to this receiver. Default is **NO.**

3.22 SPV/TRBL **NO** YES

Supervisory/Trouble Reports

YES enables Supervisory, Trouble, Trouble Restoral, Force Armed, Late to Close, and Fault reports to be sent to this receiver. Default is **NO**.

3.23 O/C USER **NO** YES

Opening/Closing and User Reports

YES enables Opening/Closing, Code Changes, and Bypass reports by user to be sent to this receiver. Default is **NO**.

3.24 TEST RPT **NO** YES

Test Report

YES enables the Recall Test report to be sent to this receiver. Default is **NO**.

3.25 FIRST IP ADDR 000.000.000.000

First IP Address

Enter the first (primary) IP address where the panel sends cell messages. Enter all 12 digits and leave out the periods. For example, enter IP address 192.168.0.250 as 192168000250. The periods display automatically.

The message is sent using first GPRS APN and the first IP Address. If no acknowledgment is received, first GPRS APN and the second IP address are used, followed, if needed, by second GPRS APN and first and second IP addresses, respectively.

3.26 FIRST IP PORT **2001**

First IP Port

Enter the first IP port number to be used in conjunction with the First IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is 2001.

3.27 SECOND IP ADDR 000.000.000.000

Second IP Address

Enter the second IP address where the panel sends cell messages. Enter all 12 digits and leave out the periods. For example, enter IP address 192.168.0.250 as 192168000250. The periods display automatically.

3.28 SECOND IP PORT **2001**

Second IP Port

Enter the second IP port number to be used in conjunction with the second IP Address. The IP port identifies the port used to communicate messages to and from the panel. The default IP Port setting is 2001.

Messaging Setup

4.1 MESSAGING SETUP

Messaging Setup

This section allows you to enter the information needed to send and receive messages directly to and from the panel via email and MyAccess™ text messaging using CDMA cellular communication. All of the name and password options below allow up to 32 lowercase characters to be entered. The Destination addresses allow up to 48 characters to be entered. System Name is displayed with initial caps.

The transmitted messages are:

- Zone Alarms by Zone Name
- Zone Troubles by Zone Name
- Zone Bypass by User
- Arming (Closings) by User
- Disarming (Openings) by User
- Late to Close
- Late to Open
- Early to Close
- AC Power Trouble and Restoral
- System Low Battery
- Ambush
- Abort, Cancel and Alarm Verified by User
- Check-in by User

4.2

```
ENABLE MESSAGING
          NO  YES
```

Enable Messaging

Select **YES** to allow the panel to send messages to three programmed destinations. Default is NO.

4.3

```
SYSTEM NAME
-
```

System Name

Enter a unique name for the panel. The panel name is used as the sender of the message. The text entered is displayed with initial caps. If this field is left blank, the panel account number is sent.

4.4

```
DESTINATION 1
-
```

Destination 1

Enter the first email address or cell phone number where messages will be sent. The message can be sent to any device (computer, cell phone, PDA) as long as a valid email address or cell phone number is entered. When entering email addresses, press the 7 digit key followed by the fourth Select Key to add the @ symbol and the 9 digit key followed by the fourth Select Key to add the _ symbol. See the Entering Non-Alpha Characters section for additional symbols.

Note: Mail servers that require Transport Layer Security (TLS) encryption are not supported by the XTL/XTLC.

4.5

```
DESTINATION 1
USER NUMBER:    0
```

Destination 1 User Number

If Destination 1 is a 10-digit cellular number, enter a user's user number from this account. This option is used when sending commands such as arming or disarming back to the panel using MyAccess™ text messaging from the same cell phone or PDA. The user number must have the authority to perform the commands as if it occurred at the keypad. Entering 0 (zero) disables this option. Default is 0.

4.6

```
DESTINATION 2
-
```

Destination 2

Enter the second destination email address or cell phone number.

4.7

```
DESTINATION 2
USER NUMBER:    0
```

Destination 2 User Number

If Destination 2 is a cellular number, enter the user's User Number for arming/disarming authorization.

4.8

```
DESTINATION 3
-
```

Destination 3

Enter the third destination email address or cell phone number.

4.9

```
DESTINATION 3
USER NUMBER:    0
```

Destination 3 User Number

If Destination 3 is a cellular number, enter the user's User Number for

arming/disarming authorization.

4.10 O/C EMAIL **NO** YES

O/C Email

Select **YES** to allow the panel to send Opening and Closing reports via email. Default is NO. This option appears only if any destination is an email address.

4.11 O/C SMS **NO** YES

O/C SMS

Select **YES** to allow the panel to send Opening and Closing messages to a cell phone via SMS protocol. Default is NO. This option appears only if any destination is a cell phone number.

4.12 MONTHLY LIMIT: 0

Monthly Limit

This option displays if any programmed destination is a cell phone number or an email address. This number limits the monthly incoming and outgoing SMS messages allowed to be sent or received by the panel.

A panel event that causes messages to be sent to destination cell phone numbers or destination email addresses is counted towards the panel's monthly limit. For example, if an alarm message is sent to a cell phone number and an email address, a total of 2 messages are counted towards the monthly limit for the panel. SMS messages sent from a cell phone to the panel, including status requests and MyAccess™ text messaging commands, also count toward the monthly limit. The limit is reset at midnight on the 14th of every month. Range is from 0 to 999. When 0 is entered, there is no limit on the number of messages able to be sent or received by the panel. Default is 0.

Note: The SecureCom Wireless text plan selected for the panel should match or exceed the programmed Monthly Limit.

Device Setup

5.1 DEVICE SETUP

Device Setup

This section allows you to define the panel wireless keypad configuration. You can install and address up to four wireless keypads.

5.2 DEVICE NO:-

Device Number

Enter the device number of the wireless keypad you are programming. The valid range is 2-5.

Note: Address one is reserved for the XTL/XTLC programming keypad attached during programming. After you program each option for the first keypad, repeat these programming steps for each additional keypad.

5.3 * UNUSED *

Device Name

This section allows you to define a 16 character alphanumeric name for the device number. If no name is entered, *__UNUSED__* is displayed.

To remove a keypad from the system, delete the device name by pressing any Select key, then press the COMMAND key. The device name is now displayed as *** UNUSED *.**

5.4 WIRELESS? NO **YES**

Wireless

Select YES to use a wireless keypad. Default is YES.

5.5 SERIAL#: XXXXXXXX

Serial Number

Enter the eight-digit serial number found on the wireless keypad.

5.6 SUPRVSN TIME: **240**

Supervision Time

Press any top row key to select the supervision time required for the device. Press COMMAND to accept the default time. Default is 240 minutes.

SELECT MINUTES:
0 60 240

Press the Select key under the required number of minutes. The device must check in at least once during this time or a missing condition is indicated for that device. Zero (0) indicates an unsupervised wireless keypad.

Note: When the panel is reset, panel is powered down and powered up, or programming is complete, the supervision timer restarts for all wireless keypads.

Remote Options

6.1 REMOTE OPTIONS

Remote Options

This section allows you to enter the information needed for Remote Command/Remote Programming operation via CELL communication. A description of the Remote Options follows:

6.2 RMT KEY:

Remote Key

This option allows you to enter a code of up to eight digits for use in verifying the authority of an alarm or service receiver to perform a remote command/programming session. The receiver must give the correct key to the panel before being allowed access. All panels are shipped from the factory with the Remote Key preset as blank.

To enter a new Remote Key, press any Select key and enter any combination of up to 8 digits. The numbers you enter appear as asterisks. Press COMMAND.

6.3 DISARM NO **YES**

Remote Disarm

Enter **YES** to enable the panel to be disarmed remotely. Selecting **NO** disables remote disarming.

System Reports

7.1 SYSTEM REPORTS

System Reports

This function allows you to select the reports the XTL/XTLC sends to the receiver.

7.2

O/C RPTS **NO**
NO YES

Opening/Closing Reports

NO - No Opening/Closing Reports are sent.
YES - Sends Opening/Closing Reports for each programmed area.

7.3 ABORT **NO** YES

Abort Reports

YES allows the panel to send an Alarm Abort Report to the receiver any time an area is disarmed during Transmit Delay before an alarm report is sent and the Bell Cutoff Time has not expired. See the Bell Cutoff section. The area must be disarmed and no zones that were in alarm can still be armed.

YES also allows a Bell Silenced Report to be sent if the alarm bell is silenced with a valid user code during an alarm. Default is **NO**.

Note: Alarm Cancel or Verify Reports are sent if the alarm is canceled or verified after being sent to the alarm receiver, if the Bell Cutoff timer has not expired. The Abort Reports option does not affect Cancel or Verify reports.

The panel will not send Abort reports for Fire zones, or Supervisory-type zones.

7.4

RESTORAL **YES**
NO YES DISARM

Zone Restoral Reports

This option allows you to specify whether the panel sends zone restoral reports and when they will be sent.
NO - Restoral reports are not sent by the panel.
YES - The panel always sends zone restoral reports at the time the zone restores from an alarm or trouble condition.
DISARM - The panel sends zone restoral reports when a zone that has restored from an alarm or trouble is disarmed. Twenty-four hour zones send restorals immediately.

7.5 BYPASS NO **YES**

Bypass Reports

YES allows the panel to send all zone bypass, reset, and force arm reports to the receiver. The bypass report includes the zone number, zone name, and the user number of the individual bypassing the zone.

7.6 CODE CHG **NO** YES

Code Change Reports

YES allows the panel to send all code additions, changes, and deletions to the receiver. The code change report includes the user number added or deleted and the user number of the individual making the change.

7.7 AMBUSH **NO** YES

Ambush

YES allows an ambush report to be sent any time user code number one is entered at a keypad. Selecting **NO** disables the ambush report and allows user code number one to operate the same as all other codes.

7.8 LATE TO OPEN

Late To Open

Enter 1-240 as the number of minutes to elapse that the system may remain armed after the opening time of a schedule without sending a Late To Open message. If the system continues to be armed after the Late to Open minutes expire, a Late To Open message is sent to the central station. Default is 0, which disables the Late To Open option.

7.9 EARLY TO CLOSE

Early To Close

Enter 1-240 as the number of minutes that the system can be armed prior to the scheduled closing time. If the system is armed prior to the Early to Close minutes, an Early To Close message is sent to the central station. Default is 0, which disables the Early to Close option.

System Options

8.1 SYSTEM OPTIONS

System Options

This section allows you to select system wide parameters used in the operation of the XTL/XTLC panel. A description of each System Option follows:

8.2 SYSTEM: **ALL/PERIM**
AREA **A/P** H/A

System

This configures the panel as either a six Area system, an All/Perimeter system (Perimeter/Interior), or a Home/Away system (Perimeter, Interior, and Bedrooms). Zones must be assigned to Bedrooms for the area to be active.

Wireless zones in an Area or All/Perimeter system resound the trouble buzzer every four hours when zone trouble or low battery is displayed.

8.3 CLS CODE **NO** YES

Closing Code

When **YES** is selected, a code number is required for system arming. If **NO** is selected, a code number is not required for system arming. Default is **NO**.

8.4 CLS CHK **NO** YES

Closing Check

Select **YES** to enable the panel to verify that all areas have been armed after a schedule expires. If the Closing Check finds any areas disarmed past the scheduled time, all keypads emit a steady beep and display **CLOSING TIME!**. The user must extend the schedule or arm the system within 10 minutes or a Late to Close message is sent to the central station. Default is **NO**.

8.5 ENTRY DLY 1: **30**
ENTRY DLY 2: **60**

Entry Delay 1

Enter the entry delay time for all exit type zones programmed to use Entry Delay 1. When an armed Exit type zone is faulted, the keypad prewarn tone begins sounding. **ENTER CODE:-** and the name of the zone causing the Entry Delay displays on all keypads.

When the first digit of a code is entered, the prewarn tone stops at the keypad. If, within five seconds, a valid user code is not entered or an invalid user code is entered, the prewarn tone begins sounding again. Fifteen seconds must elapse before entering a digit silences the prewarn tone again.

The area must be disarmed before the entry delay expires or an alarm is detected. All Burglary type zones in all areas are delayed along with the Exit zone.

Entry delay times can be from 30 to 250 seconds. Repeat the above for Entry Delay 2 if it is being used. Default is 30 seconds for Entry Delay 1.

Note: Specific Exit Error operation is based on the Entry Delay used (1 or 2) with an EX type zone. See Exit Delay.

8.6 EXIT DELAY: **60**

Exit Delay

Enter the Exit Delay time for all Exit type zones. When the exit delay time starts, all activity on exit and burglary zones is ignored until the exit delay expires. The keypad displays the Exit Delay time countdown and annunciates the Exit Delay tone at 8 second intervals until the last 10 seconds when annunciation is at 3 second intervals. The exit delay can be from 45 to 250 seconds. Default is 60 seconds.

During Exit Delay, if an exit zone trips, then restores, and trips again, the Exit Delay timer restarts. This restart can occur only once.

Exit Error Operation: At arming, when an entry/exit zone (EX) is faulted at the end of the exit delay then one of two sequences occur:

MINUTES: **0**

For Entry Delay 1 EX type zones:

- the bell sounds for the length of time set in Bell Cutoff programming
- the Entry Delay operation starts, requiring code entry to disarm
- if not disarmed, a zone alarm and an Exit Error are sent to the receiver

MINUTES: **0**

For Entry Delay 2 EX type zones:

- the zone is force armed and a zone force arm message is sent to the receiver
- an Exit Error is sent to the receiver
- the bell sounds for the length of time set in Bell Cutoff programming

8.7 CRS ZONE TM: 0

Cross Zone Time

Enter the time allowed between zone faults. When a zone programmed for cross zoning faults, the panel begins counting down the Cross-Zone Time entered here. If the same zone or another cross-zoned zone faults within this time, an alarm report is sent to the receiver.

If the Cross-Zone Time expires without the second zone fault, only a zone fault report from the first zone is sent to the receiver. The Cross-Zone Time can be from 4 to 250 seconds in one second increments. Enter 0 (zero) to disable the Cross-Zone Time feature. See the Appendix.

8.8 PWR FAIL HRS: 1

Power Fail Delay

This option tracks the duration of an AC power failure. The delay time can be from 1 to 9 hours. When the AC power is off for the length of the programmed delay time, an AC power failure report is sent to the receiver. For example, if the power failure delay is set for two hours, then the AC power failure report will be sent between 2-3 hours. Entering a 0 (zero) sends the AC power failure report within 15 seconds.

8.9 SWGRBYPS TRIPS: 2

Swinger Bypass Trips

Enter the number of times (1-6) a zone can go into an alarm or trouble condition within one hour before being automatically bypassed. Bypassed zones are automatically reset when the area they are assigned to is disarmed. All 24-hour zones are reset when any area of the system is disarmed. A programming Stop operation restores a bypassed zone. Entering 0 (zero) disables this function. Default is 2.

How it works

The panel hour timer starts at 59 minutes past the hour. If the hour timer expires before the trip counter is exceeded, the trip counter returns to 0 (zero). If the trip counter is exceeded before the hour expires, the zone is automatically bypassed by the panel. A Bypass Report is sent to the receiver if Bypass Reports is YES.

8.10 RST SBYP **NO** YES

Reset Swinger Bypass

When YES is selected, an automatically bypassed zone is reset if it remains in a normal condition for one complete hour after being bypassed. A report of the automatic reset is sent to the receiver if Bypass Reports has been selected as YES. Default is NO.

8.11 ZN ACTY HRS: 0

Zone Activity Hours

This option provides supervision of a person living alone for non-activity. Enter the number of hours, 0 to 9, allowed to elapse without a disarmed zone being tripped before a message is sent to the receiver. Default is 0 (zero).

When the system is disarmed, the timer begins to countdown the number of hours programmed. Each time activity occurs, the timer restarts the countdown.

Before the countdown time expires, the keypad sounds a tone and PRESS ANY KEY displays to allow the user to restart the activity timer. The duration of the tone is the number of seconds programmed for Entry Delay 2.

Select the SUPV/TRBL receiver option in communication programming to send S93 ALARM: User Activity Not Detected, S94 Alert: Activity Check Enabled, and S95 Alert: Activity Check Disabled messages.

When an open/close schedule is programmed, the timer only counts down during the scheduled open period. Also, when a schedule is programmed, if the timer is counting down and the scheduled open time occurs, the timer resets and begins the countdown again.

8.12 ARM ACTY DAYS: 0

Arm Activity Days

This allows selection of the number of days a countdown timer is set for area arming and disarming activity. The range for the countdown timer is 00 to 99.

When the timer counts down to zero because of no arming or disarming activity, the panel sends a “No Arming/Disarming” message to the receiver at 10:00 AM. Each time an area is armed or disarmed, the timer is restarted. When the countdown timer expires because of no arming or disarming activity, and a message is sent, the timer does not restart until a panel reset occurs or an area is armed or disarmed.

The SUPV/TRBL receiver option ***must*** be selected in communication programming for the message to be sent.

8.13 Time Zone Changes

TIME CHG NO **YES**

This option allows the panel to request automatic time changes from the DMP SCS-1R Receiver. For the receiver to send time changes, it must be programmed to send time changes and must be receiving time change updates from the host automation computer at least every 24 hours. Default is YES.

HRS FROM GMT: 6

When time zone is programmed YES, enter the number (0-23) that indicates the Greenwich Time zone (GMT) where the panel is located. The default is 6. See table for GMT values.

GMT	City/Time Zone
0	London, Monrovia, Lisbon, Dublin, Casablanca, Edinburgh
1	Cape Verde Island, Azores
2	Mid-Atlantic, Fernando de Noronha
3	Buenos Aires, Georgetown, Brasilia, Rio de Janeiro
4	Atlantic Time (Canada), Caracas, La Paz, Santiago
5	Eastern Time (US, Canada) Bogota, Lima, Arequipa
6	Central Time (US, Canada), Mexico City, Saskatchewan
7	Mountain Time (US, Canada), Edmonton
8	Pacific Time (US, Canada), Tijuana
9	Alaska
10	Hawaii
11	Midway Island, Samoa
12	Fiji, Marshall Island, Wellington, Auckland, Kwajalein, Kamchatka

GMT	City/Time Zone
13	New Cadelonia
14	Guam, Sydney
15	Tokyo, Seoul
16	Hong Kong, Singapore
17	Bangkok, Hanoi
18	Dhaka, Almaty
19	Islamabad, Karachi
20	Abu Dhabi, Kazan
21	Moscow, Bagdad
22	Eastern Europe
23	Rome, Paris, Berlin

8.14 Time Display

TIME DSP NO **YES**

YES allows the keypad to display the time and day in the Status List. When NO is selected, time and day of the week are not displayed.

8.15 House Code

HOUSE CODE: -

A Wireless House Code between 1 and 50 is pre-programmed at the factory. To change the house code, press a top row select key. Enter a House Code from 1 to 50 and press the CMD button. The XTL/XTLC automatically programs the house code into the wireless transmitters when the unique transmitter serial number is programmed into the panel. See Wireless programming in Zone Information. The house code identifies the panel, receiver, and transmitters to each other. When operating, the receiver listens for transmissions that have the programmed house code and transmitter serial number.

8.15.1 Detect Wireless Jamming

DET JAMNG **NO** YES

When enabled and the receiver detects jamming, a trouble or alarm message is sent to the receiver and displays in the Status List. Select YES to enable jamming messages to display in the Status List. Select NO to disable jamming messages. Default is NO.

8.15.2 Wireless Audible Annunciation

ANY **DAY** MIN

Press any top row key to select the keypad buzzer annunciation method for wireless low battery and missing messages.

WLS AUDIBLE: DAY

- Select ANY to enable annunciation anytime.
- Select DAY to enable annunciation except during sleeping hours (9 PM to 9 AM).
- Select MIN (minimum) to annunciate only Fire zones during daytime hours (9 AM to 9 PM). Default is DAY.

8.16 Enable Keypad Panic Keys

KPD PANCS NO **YES**

This option allows the two-button panic key operation selected at a keypad to send the Panic, Emergency, or Fire message to the central station receiver. Select YES to enable the two-button panic operation. To disable the two-button panic operation, select NO. Default is YES.

8.17

OCCUPIED PREMISE
NO **YES**

Occupied Premises

Select YES to allow the panel to automatically disarm the interior area(s) when arming all areas and a perimeter zone is not tripped during the exit delay.

This False Alarm Reduction feature keeps a user from arming the entire system when they do not exit and remain in the premise. Select NO to not automatically disarm interior area(s). Default is YES.

8.18

USE FALSE ALARM
QUESTION? NO **YES**

Use False Alarm Question

Select YES to display IS THIS A FALSE ALARM? NO YES at the keypad in place of CANCEL VERIFY when a burglar alarm occurs. This operates for ALL/PERIM and HOME/SLEEP/AWAY arming systems. Default is YES.

8.19

ENTER WEATHER
ZIP CODE: 0

Weather Zip Code

This option allows local U.S.A. weather updates to display in the Status List on the keypad. Enter the zip code of the user at this option. When no number is entered weather conditions are not displayed. Default is 0 (zero).

Bell Options

9.1 BELL OPTIONS

Bell Options

This section allows you to program the panel bell output functions. If using the Model 1135 or 1135DB Wireless Siren, the Trip with Panel Bell option should be selected in the Output Information programming for the siren.

9.2 BELL CUTOFF: **5**

Bell Cutoff Time

Enter the maximum time from 1 to 15 minutes that a wireless output remains on. If the output is manually silenced or the system is disarmed, the cutoff time is reset. Default is 5.

9.3 BELL TEST **NO** YES

Automatic Bell Test

When **YES** is selected, the 1135 wireless siren is turned on for two seconds when all areas in the system are armed. The Bell Test only occurs when the areas are armed from a keypad. Arming performed from an Arming zone or remotely from Remote Link™ does not activate the Bell Test.

Closing Wait operation

When Bell Test is set to YES, the closing wait function also operates. Closing Wait provides a delay time before a monitored system arms until the panel receives an acknowledgment of the closing report from the central station receiver. During the delay, the keypad displays ONE MOMENT . . . Once the closing is acknowledged, the keypad buzzes for one second and then displays the ALL SYSTEM ON message. If communication fails, the message LOCAL ALARM ONLY appears.

9.4 BELL OUTPUT: **0**

Bell Output

Enter the output number (31-34, 41-44) for an 1116 or 1117 wireless output when needed to follow the on and off condition of the bell action. Enter 0 (zero) to disable.

Note: When BELL ACTION below is set to T for Temporal Code 3, this Bell Output action will be Pulse for wired outputs 1-4, wireless outputs 31-34 and 41-44.

9.5 BELL ACTION . . .

Bell Action

This defines the type of Bell Action from zone alarms that will occur. Trouble conditions do not activate Bell Action. There are seven zone types you can program individually for Bell Output. To provide a steady Bell Output, enter **S**. For a pulsed output, enter **P**. For a Temporal Code 3 output, enter **T** and for no wireless zone, enter **N**.

9.5.1 FIRE TYPE: **P**

Fire

Defines Bell Action for Fire Type Zones. The default is set at P.

9.5.2 BURGLARY TYPE: **S**

Burglary

Defines Bell Action for Burglary Type Zones. The default is set at S.

9.5.3 SUPRVSRY TYPE: **N**

Supervisory

Defines Bell Action for Supervisory Type Zones. The default is set at N.

9.5.4 PANIC TYPE: **N**

Panic

Defines Bell Action for Panic Type Zones. The default is set at N.

9.5.5 EMERGNCY TYPE: **N**

Emergency

Defines Bell Action for Emergency Type Zones. The default is set at N.

9.5.6 AUXLRY 1 TYPE: **N**

Auxiliary 1

Defines Bell Action for Auxiliary 1 Type Zones. The default is set at N.

9.5.7 AUXLRY 2 TYPE: **N**

Auxiliary 2

Defines Bell Action for Auxiliary 2 Type Zones. The default is set at N.

Output Options

10.1 OUTPUT OPTIONS

Output Options

This section allows you to program output options for the 1116 and 1117 wireless outputs.

Select from the following output numbers:

- 31 to 34
- 41 to 44
- F01 to F20 (To Activate Z-Wave Favorites)

10.2 COM FAIL OUT: 0

Communication Failure Output

This output/Favorite turns on when the panel fails to communicate with the receiver after eight successive attempts. Enter 0 (zero) to disable this output.

Note: To turn off the Communication Failure Output, disarm the panel or turn the output off using the User Menu Outputs On/Off function.

10.3 FIRE ALR OUT: 0

Fire Alarm Output

This output/Favorite turns on any time a fire type zone is placed in alarm. The output turns off using the Sensor Reset option when no additional fire type zones are in alarm. Enter 0 (zero) to disable this output.

10.4 PANC ALM OUT: 0

Panic Alarm Output

This output/Favorite turns on any time a Panic Zone (PN) is placed in alarm. The output turns off using the Sensor Reset option once all Panic Zones are restored. Enter 0 (zero) to disable this output.

If a wireless ouput is programmed, the panel sends the Panic Test Cadence or the Panic Alarm Cadence to the output when a Panic Test is performed or a Panic Zone is placed in alarm.

10.5 ENTRY OUT: 0

Entry Output

This output/Favorite turns on at the start of the entry delay time. The output turns off when the area disarms or the entry delay time expires. Enter 0 (zero) to disable.

10.6 BEGIN EXIT: 0

Begin Exit Output

This output/Favorite turns on any time an exit delay time starts. The output turns off when the system arms or when the arming has been stopped. Enter 0 (zero) to disable.

10.7 END EXIT: 0

End Exit Output

This output/Favorite turns on any time an exit delay time ends. The output turns off when the system disarms. Enter 0 (zero) to disable.

10.8 ARMED OUT: 0

Armed Output

This output/Favorite turns on any time an area of the system is armed. The output turns off when the system completely disarms. Enter 0 (zero) to disable this output.

Favorites:

For a Home/Away system:

- When the system is armed **AWAY**, the programmed Favorite activates.
- When the system is armed **SLEEP**, the programmed Favorite plus 1 is activated. For example, If the Armed Output is F05, F06 activates when Sleep is armed.
- When the system is armed **HOME**, the programmed Favorite plus 2 is activated. For example, If the Armed Output is F05, F07 activates when Home is armed.

For an All/Perimeter system:

- When the system is armed **ALL**, the programmed Favorite activates.
- When the system is armed **PERIMETER**, the programmed Favorite plus 1 is activated.

For example, If the Armed Output is F05, F06 activates when Perimeter is armed.

For an Area system:

- When any area of the system is armed, the programmed Favorite activates.

10.9 DISARMED OUT: 0

Disarmed Output

This output/Favorite turns on when all areas of the panel are disarmed. The output turns off when an area is armed.

10.10 BURGLARY OUT: 0

Burglary Output

This output/Favorite turns on any time a burglary zone goes into alarm. The output turns off when the area in which the alarm occurred disarms and no other burglary zones are in alarm. Enter 0 (zero) to disable this output.

10.11 READY OUT: 0

Ready Output

This output/Favorite turns on whenever all disarmed zones are in a normal state. The output turns off when any disarmed zone is in a bad state. Enter 0 (zero) to disable.

10.12 ARM-ALARM OUT: 0

Arm-Alarm Output

Enter the output/Favorite to turn on steady when any area of the system is armed. If an alarm occurs causing the keypads to turn Red, this output pulses and continues to pulse for approximately three (3) minutes after the panel is disarmed. Enter 0 (zero) to disable.

Wireless Outputs

- The Arm-Alarm Output is compatible with the Model 1117 Wireless LED Annunciator and the Model 1116 Wireless Relay Output connected to a Model 572 Indicator LED.
- When the Model 1117 is battery operated, the LED is off when the system is armed to conserve battery life. If an alarm occurs, the output flashes quickly.
- When using the Model 1116 connected to a Model 572, the LED is on when the system is armed. If an alarm occurs, the output pulses.
- To operate the Arm-Alarm output within one second, program a fast response number from 41 to 44. Fast response operation reduces overall wireless output battery life.
- To operate the Arm-Alarm output within 15 seconds, program a slow response number from 31 to 34. Slow response operation increases overall wireless output battery life.

10.13 HEAT SAVER TEMPERATURE: 0

Heat Saver Temperature

Enter the desired temperature setting for all Z-Wave thermostats when the system is armed ALL or AWAY. When the system is disarmed the thermostats return to their previous settings. The range is 55-95 degrees. Enter 0 (zero) to disable.

10.14 COOL SAVER TEMPERATURE: 0

Cool Saver Temperature

Enter the desired temperature setting for all Z-Wave thermostats when the system is armed ALL or AWAY. When the system is disarmed the thermostats return to their previous settings. The range is 55-95 degrees. Enter 0 (zero) to disable.

Output Information

11.1 OUTPUT INFO

Output Information

This section allows you to program and name wireless outputs into the panel.

11.2 OUTPUT NO: -

Output Number

Enter an output number. Select from the following output numbers:

- 31 to 34 — Slow response time***** wireless outputs (activate within 15 seconds)
- 41 to 44 — Fast response time***** wireless outputs (activate within 1 second)

AREA NO: -

INT PERIM

INT BDRM PERIM

* UNUSED *

Note: Addresses 31 to 34 and 41 to 44 are available for wireless outputs, wireless zones, or wireless key fob zones and can only be assigned to one device.

***** The response time of a wireless output is the time it takes for a wireless output to activate once the panel event occurs. You determine whether a wireless output is a slow or fast response based on the output number assigned. A slow response output number extends battery life, but response time may be up to 15 seconds. A fast response output number responds within 1 second, but reduces battery life. Refer to the specific wireless output installation guide to determine battery life.

11.3 * UNUSED *

Output Name

This section allows you to define a 16 character alphanumeric name for any wireless output.

An output that is not part of the system must be marked ***UNUSED***. To mark an output unused, delete the old name by pressing any Select key, then press the COMMAND key. The programmer automatically programs the name as *** UNUSED ***.

11.4 SERIAL#: -

Serial Number

Enter the eight-digit serial number found on the wireless device.

ALREADY USED: ZXX

This message displays when the serial number is already programmed for another output or zone. The programmed output or zone number displays.

11.5 SUPRVSN TIME: 240

Supervision Time

Press any top row key to select the supervision time required for the wireless output. Press COMMAND to accept the default time. Default is 240 minutes.

0 3 60 **240**

Select the required number of minutes. The transmitter must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series transmitters automatically check in based on the supervision time selected for the wireless zone, no additional programming is needed. Zero (0) indicates an unsupervised transmitter.

The 3 minute supervision time is only available if using an 1135 Wireless Siren.

Note: When the panel is reset, a receiver is installed or powered down and powered up, or programming is complete, the supervision timer restarts for all wireless outputs.

11.6 TRIP WITH PANEL BELL NO **YES**

Trip with Panel Bell Option

This option displays when the wireless device is an 1135 wireless siren. Select YES to have the 1135 wireless siren follow the panel bell output. Default is YES.

Area Information

12.1 AREA INFORMATION

Area Information

This section allows you to assign functions to individual areas for XTL/XTLC panels. All non-24-hour zones must be assigned to an active area. See the section on Zone Information.

Activate an area by assigning it a name. A name is given to each active area to assist the user during arming and disarming.

12.2

AREA NO: -

INT PERIM

INT BDRM PERIM

Area Number

Enter the number of the area to program. In an area system, select from areas 1 to 6. In an All/Perimeter system, select INTerior or PERIMeter. In a Home/Away system, select INTerior, BDRM, or PERIMeter.

12.3 * UNUSED *

Area Name

In an area system, enter up to 16 characters for the area name. Only those areas given names can have zones assigned to them. All others are marked *UNUSED*. Refer to the Entering Alpha Characters section.

To add an area name to the system, press any Select key and then enter up to 16 characters for the new name. Press COMMAND to continue.

To mark an active area as unused, delete the old name by pressing any Select key then press the COMMAND key. The panel automatically sets the name as *UNUSED*. If you have already Initialized the panel, all areas will be marked as ***UNUSED***. See section 2.3.

12.4 AUTO ARM **NO** YES

Automatic Arming

Select YES to allow this area to arm automatically according to the opening and closing schedule.

If Closing Check is selected as YES, the automatic arming does not take place until the expiration of a 10-minute Closing Check delay. If the area has been disarmed outside a schedule, the Closing Check delay occurs one hour after the area is disarmed.

At arming, faulted zones are handled according to the option selected in Bad Zones. If a Closing report is sent, the user number is indicated as SCH on the SCS-1R Receiver. Select NO to disable automatic arming for this area. Default is NO.

Note: F**or ANSI/SIA CP-01 installations, Automatic Arming cannot be used for arming.**

12.4.1

BAD ZONES: **BYP**
BYP FORC REF

Bad Zones

At the time of automatic arming, some zones in the area may not be in a normal condition. This option allows you to program the panel's response to these bad zones. This option is not displayed if AUTO ARM is NO.
BYP - All bad zones are bypassed. A report of the bypass is sent to the receiver if Bypass Reports has been selected as YES. See the Bypass Reports section. The report indicates SCH as the user number.
FORC - All bad zones are force armed. Zones force armed in a bad condition are capable of restoring into the system and reporting alarms if tripped. A report of the force arm is sent if Bypass Reports is YES. See the Bypass Reports section. The report indicates the user number as SCH.
REF - The automatic arming is refused and no arming takes place. A No Closing report is sent to the receiver regardless of the Closing Check selection. See the XTL/XTLC Programming Sheets.

Note: For listed installations, set Bad Zones to REF.

12.5 AUTO DIS **NO** YES

Automatic Disarming

NO disables automatic disarming by schedule for this area. Select YES to allow this area to automatically disarm according to a schedule. If an Opening report is sent to the receiver, the user number is indicated as SCH.

Note: For ANSI/SIA CP-01 installations, Automatic Disarming cannot be used.

Zone Information

13.1 ZONE INFORMATION — Zone Information

This allows you to define the operation of each protection zone used in the system.

13.2 ZONE NO: - — Zone Number

Zone numbers on the XTL/XTLC panel default to the following settings. The settings can be changed as described in the following sections. Zones 31-34 can be wireless zones, key fobs or slow outputs. Zones 41-44 can be wireless zones, key fobs, or fast outputs.

Zone Number	Zone Name	Zone Type	Area Assignment
1	FRONT DOOR	EX	PERIM
2	BACK DOOR	EX	PERIM
3	INTERIOR DOOR	NT	INT
4	UPSTAIRS DOOR	EX	PERIM
5	BASEMENT DOOR	EX	PERIM
6	GARAGE DOOR	EX	PERIM
7	WAREHOUSE DOOR	EX	PERIM
8	SHIPPING DOOR	EX	PERIM
9	BREAKROOM DOOR	NT	INT
10	STOCKROOM DOOR	NT	INT
11	FRONT MOTION	NT	INT
12	BACK MOTION	NT	INT
13	INTERIOR MOTION	NT	INT
14	UPSTAIRS MOTION	NT	INT
15	BASEMENT MOTION	NT	INT
16	GARAGE MOTION	NT	INT
17	GLASSBREAK	NT	INT
18	WATER DETECTOR	AUX 1	INT
19	LOW TEMPERATURE	AUX 1	INT
20	SMOKE DETECTOR	FI	
21	FRONT SMOKE	FI	
22	BACK SMOKE	FI	
23	INTERIOR SMOKE	FI	
24	UPSTAIRS SMOKE	FI	
25	BASEMENT SMOKE	FI	
26	GARAGE SMOKE	FI	
27	WAREHOUSE SMOKE	FI	
28	SHIPPING SMOKE	FI	
31	OUTPUT 1		
32	OUTPUT 2		
33	OUTPUT 3		
34	OUTPUT 4		
41	ALARM SOUNDER 1		
42	ALARM SOUNDER 2		
43	ALARM SOUNDER 3		
44	ARM/ALARM LIGHT		

13.3 KEYFOB **NO** YES — Key Fob

Select YES to program an 1100 Series Key Fob for zones 31-34 or 41-44. When YES is selected, programming continues at the 1100 Series Key Fobs Section. Default is **NO**.

13.4 Zone Name

* DEFAULT NAME *

Press any Select key to display the default zone name. To change the default zone name, press any Select key to clear name. Enter up to 16 characters for the new zone name. This name is displayed at the keypads when the zone is bad or viewed in Display Events. The zone name is also sent to the receiver as part of a zone event report.

A zone that is not part of the system must be marked ***UNUSED***. To mark a zone unused, delete the old name by pressing any Select key, then press the COMMAND key. The programmer automatically programs the name as *** UNUSED *.** If you selected **ZONES? NO YES** to clear the panel's memory during Initialization, the zones will already be marked *** UNUSED ***. See the Initialization section.

13.5 Zone Type

ZONE TYPE: -

The Zone Type defines the panel's response to the zone being opened or shorted. ***Refer to the Appendix for zone type defaults and descriptions***.

When you assign a Zone Type to a zone, responses are made automatically for the zone. There are 11 Zone Types to choose from including Blank. The functional details of each response are described in Zone Type Defaults in the Appendix.

To change the Zone Type, press any Select key. The display lists the four Zone Types shown below. When the Zone Type you want to select displays, press the Select key below the name.

-- NT DY EX	Blank, Night, Day, or Exit. Press COMMAND to display additional zone types.
FI PN EM SV	Fire, Panic, Emergency, or Supervisory. Press COMMAND to display additional zone types.
A1 A2 FV AR	Auxiliary 1, Auxiliary 2, Fire Verify, or Arming. Press the Back Arrow key to display the previous zone types.

If you select Blank, Night, Day, Exit, Auxiliary 1, or Auxiliary 2 as the Zone Type, the zone must be assigned to an area. If you select Fire, Panic, Emergency, or Supervisory as the Zone Type, these are 24-hour zones that are always armed and no area assignment is needed. Press COMMAND to continue.

Refer to the Appendix for zone type specifications and descriptions.

13.6 Area Assignment

AREA: -

To change the default area, press any Select key.

INT PERIM

For Area systems, enter the area number from 1 to 6 where this zone is being assigned.

INT BDRM PERIM

For All/Perimeter systems, choose INTERIOR or PERIMETER.
For Home/Away systems, choose **INTERIOR, PERIMETER, or BEDROOMS.**

- **INT** (Interior) - Assigns the zone to area 2, Interior.
- **BDRM** (Bedroom)- Assigns the zone to area 3, Bedrooms. This option is only displayed in Home/Away systems.
- **PERIM** (Perimeter) - Assigns the zone to area 1, Perimeter.

13.7 Arming Zone Assignment

AREA:

For Area systems, this option specifies the areas to be armed by the Arming Type zone. Press the appropriate number keys on the keypad to assign areas 1 to 6. When disarmed, all programmed areas are disarmed.

ARM AREA: **PERIM**

For All/Perimeter systems, choose **PERIM** or **ALL**. For Home/Away systems, choose **HOME, SLEEP, or AWAY.**

PERIM ALL

Perimeter/All - Specify whether the arming zone arms just the Perimeter (PERIM) or the Perimeter and Interior areas (ALL) for All/Perimeter systems. When disarming, all areas are disarmed.

HOME SLEEP AWAY

HOME/SLEEP/AWAY - Specify whether the arming zone arms the Perimeter (HOME), the Perimeter and Interior (SLEEP), or all three areas (AWAY). When disarming, all areas are disarmed.

Arming zone operation

If a bad (faulted) Priority zone is in the area being armed by an Arming zone, the arming is stopped. If there are no Priority zones, or they are all in a normal condition, the following applies:

When a non-Priority zone is bad when an area is armed with a keyswitch on an Arming zone, the arming is delayed for five seconds. If, during the five-second delay, the keyswitch is turned to disarm, the arming stops. If the keyswitch is held in the arming position for the full five seconds, the bad zone is force armed and the area is armed.

The ability to stop the arming does not apply if a wireless arming device is being used. Refer to the **Appendix**.

Note: Arming from a zone, cell, or Remote Link is not affected by this operation.

13.7.1 Style

STYLE: **TOGGLE**

This option specifies the style for the arming/disarming operation. The default for **STYLE:** is **TGL** (toggle). Pressing any Select key displays the **STYLE** options. To view more style options press the command key. The following is a description of the action for each option condition.

TGL ARM DIS STEP

TGL (Toggle) - When the zone changes from normal to shorted, the programmed areas toggle between the armed or disarmed condition. When restored to normal, no action occurs. When the zone is opened from a normal (disarmed) state, a trouble is reported. When opened from a shorted (armed) state, an alarm is reported and the zone is disabled until you disarm the area(s) from either a keypad or Remote Link™ computer.

ARM - When the zone is shorted, the programmed areas are armed. When restored to normal, no action occurs. When the zone is opened from a normal (disarmed) state, a trouble is reported. When opened from a shorted (armed) state, an alarm is reported.

DIS (Disarm) - When programmed as an Area system, a short will disarm the programmed areas. When programmed as a **ALL/PERIM** or **HOME/AWAY** system, a short will disarm **ALL** areas. When restored to normal, no action occurs. When the zone is opened from a normal (disarmed) state, a trouble is reported.

STEP - When programmed as an area system, a short will arm the areas and beep the keypads once. When programmed as ALL/PERIM or HOME/AWAY, on the first short HOME will arm and beep the keypad once. On the second short, SLEEP will arm and beep the keypads twice. On the third short, AWAY will arm and beep the keypad three times. A normal condition will cause no action. An open condition will disarm the programmed areas and beep the keypads for one second.

Note: This arming style is designed for wireless arming pendants. When using a arming/disarming keyswitch, locate the keyswitch within the protected area.

MNT

MNT (Maintain) - When the zone is shorted, the programmed areas are armed. When restored to normal, the programmed areas are disarmed and any alarm bells are silenced. When the zone is opened from a normal (disarmed) state, a trouble is reported. If opened from a shorted (armed) state, an alarm is reported and the zone is disabled until you disarm the area(s) from either a keypad or Remote Link™ computer.

DMP Wireless

For an 1100 Series Key Fob see the 1100 Series Wireless Key Fob programming section.

NOTE: All wireless programming is stored in the XTL/XTLC panel. Each time the panel powers up, when the programmer STOP routine is selected or the panel is reset, the wireless receiver memory refresh could take up to 45 seconds to complete depending on the number of wireless zones programmed and the Red LED remains on during this time. Normal wireless receiver operation is inhibited during the memory refresh period.

13.9 Serial Number Entry

SERIAL #: -

Enter the eight digit serial number, including leading zeros, found on the wireless device.

13.10 Contact

CONTACT: INTERNAL

This option displays if the serial number entered is for an 1101, 1103, or 1105 Universal Transmitter or 1114 Wireless Four-Zone Expander. Press any top row key to select the contact.

INT EXT

This option displays when programming an 1101, 1103, or 1105 Universal Transmitter. Select INT to use the internal reed switch contacts. Select EXT to connect an external device to the 1101, 1103, or 1105 terminal block. Default is INTERNAL.

By allowing both of the transmitter contacts (INT and EXT) to be used at the same time, two zones may be programmed from one transmitter. When using multiple contacts, you must use consecutive zone numbers.

For example, program transmitter serial number 01345678 as Zone 11 with an INT contact type and Zone 12 with an EXT contact type. The same serial number is used for both zones.

CONTACT: x

This option displays when programming an 1114 zone expander which provides four input contacts. Press any top row key to select the contact. Default is Contact 1.

1 2 3 4

Select the contact number to program. The same transmitter serial number is used for all four contacts. When using the contacts, you must use consecutive zone numbers.

For example, use serial number 08345678 to program Contact 1 for Zone 21, Contact 2 for Zone 22, Contact 3 for zone 23, and Contact 4 for zone 24.

A tamper on the 1114 is transmitted as the zone number assigned to Contact 1.

ALREADY USED Zxx

This message displays when the Contact is already programmed for another zone. The programmed zone number displays.

NORM OPEN **NO** YES

The Normally Open option only displays when EXT is selected as the Contact type. For external devices connected to the 1101 terminal block, select NO to use normally closed (N/C) contacts. Select YES to use normally open (N/O) contacts. Default is NO.

13.10.1 Supervision Time

SUPRVSN TIME: XX

Press any top row key to select the supervision time required for the wireless zone. Press COMMAND to accept the default time. Default is 240 minutes.

0 3 60 **240**

Select the required number of minutes. The transmitter must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series transmitters automatically checkin based on the supervision time selected for the wireless zone, no additional programming is needed. If two zones share the same transmitter, the last programmed supervision time is stored as the supervision time for both zones. Zero (0) indicates an unsupervised transmitter.

The 3 minute supervision time is only available for zone types of Fire (FI), Fire Verify (FV), and Supervisory (SV).

Note: When the panel is reset or a receiver is installed or powered down and powered up, the supervision timer restarts for all wireless zones.

13.10.2 LED Operation

LED OPER NO **YES**

This only displays when programming a panic or pendant transmitter. Select YES to turn a panic or pendant LED on during normal operation. Select NO to turn the LED off during normal operation. The LED always operates on all transmitters when the transmitter case is open and the tamper is faulted. Default is YES.

13.10.3 Disarm/Disable

DISARM DISABLE **YES**

Select YES to disable the zone tripped message from an 1103 Universal Transmitter (Version 107 or higher software) or 1126/1127 PIRs during the disarmed period. When disarmed, the transmitter or PIR only sends supervision, tamper, and low battery messages to extend transmitter battery life. For 1103 Transmitters, a zone tripped message is sent if the zone remains tripped for 20 seconds. Select NO to always send zone tripped messages in addition to supervision, tamper, and low battery. Default is YES.

13.10.4 Wireless PIR Pulse Count

WIRELESS PIR PULSE COUNT: 4

Select the number of infrared pulse counts (2 or 4) the PIR will use before sending a short message. The first infrared pulse starts a timer and count. If no additional infrared pulses occur in 25 seconds, the timer and count are reset. Default is 4.

13.10.5 Wireless PIR Sensitivity

WIRELESS PIR SENSITIVITY: LOW

Select the sensitivity setting for the PIR. Selecting LOW sets the PIR to operate at 75% sensitivity for installations in harsh environments. Selecting HIGH sets the PIR to maximum sensitivity. Default is LOW.

13.10.6 Next Zone

NEXT ZN NO YES

Select YES to return to the ZONE NO: - option to program a new zone. Select NO to display the Alarm Action option.

13.11 Series Key Fobs

Only zones 31-34 or 41-44 can be programmed as 1100 Series Key Fob zones. Refer to the 1100 Series Key Fob Programming Sheet (LT-0706) supplied panel and the 1100 Series Key Fob Install Guide (LT-0703) as needed.

To operate arming and disarming properly, the Key Fob should be assigned to a User Number with appropriate area assignments, however, the User Number does not have to exist at the time the Key Fob is programmed. The User Number can be added at the User Menu later by the User.

The following programming continues from when Key Fob YES is selected.

13.11.1 KF USER NO: Key Fob User Number

Enter the User Number used to identify the key fob user and their arming and disarming authority. Default is blank.

— User number range: 1 to 30

NOT IN USE — Displays when the User Number entered does not exist in User Code programming. The key fob can be added, but the user must eventually be added to cause the key fob to operate.

13.11.2 SERIAL #: - Key Fob Serial Number

Enter the eight-digit serial number found on the wireless device.

ALREADY USED Zxx — Displays when the serial number is already programmed. The programmed zone number displays.

13.11.3 SUPRVSN TIME: 0 Key Fob Supervision Time

Press any top row key to select the supervision time required for the key fob zone. Press COMMAND to accept the default time. Default is 0.

0 60 240 — Press the Select key under the required number of minutes. The key fob must check in at least once during this time or a missing condition is indicated for that zone. 1100 Series key fobs automatically checkin based on the supervision time selected for the wireless zone, no additional programming is needed. Zero (0) indicates an unsupervised transmitter.

Note: When the panel is reset or a receiver is installed or powered down and powered up, the supervision timer restarts for all wireless zones.

13.11.4 BUTTONS: 4 Number of Key Fob Buttons

Enter the number of buttons (1, 2, or 4) on the key fob being programmed. Default is four buttons.

Note: If the key fob is a one-button model, programming continues at the Button Action section. Default button assignment for one-button key fobs is a Panic Alarm (PN) with no output assigned.

13.11.5 TOP BTM LFT RGT Key Fob Button Selection (Four Buttons)

This option only displays if the key fob being programmed is a four-button model. Press the Select key under the key fob button to program. The following list identifies the default button assignments:

- TOP Arming with areas 1, 2, and 3 assigned
- BTM Disarming with areas 1, 2, and 3 assigned
- LFT Panic Alarm (PN) with no output assigned
- RGT Arming with Area 1 assigned

13.11.6 TOP BTM Key Fob Button Selection (Two Buttons)

This option only displays if the key fob being programmed is a two-button model. Press the Select key under the key fob button to program. The following list identifies the default button assignments:

- TOP Arming with areas 1, 2, and 3 assigned
- BTM Disarming with areas 1, 2, and 3 assigned

12.11.7 ACTION: XXXXXXX Button Action

This option specifies the Button Action for an individual key fob button. The default action for the button selected is displayed. Press any Select key to display the Button

Action options. To view more options press the COMMAND key.

ARM DIS TGL STA

ARM (Arm) - Arms selected areas and force arms bad zones.

DIS (Disarm) - Disarms selected areas.

TGL (Toggle Arm) - Toggles arm/disarm for selected areas and force arms bad zones when arming.

STA (Status) - Causes the key fob LED to indicate the arm/disarm status of the system.

PN PN2 EM EM2

PN (Panic) - Triggers a Panic zone type alarm with no restoral.

PN2 (Panic 2) - Triggers a Panic zone type alarm with no restoral when pressed simultaneously with any other Panic 2 button. No action occurs when pressed alone.

EM (Emerg) - Triggers an Emergency zone type alarm with no restoral.

EM2 (Emerg 2) - Triggers an Emergency zone type alarm with no restoral when pressed simultaneously with any other Emergency 2 button. No action occurs when pressed alone.

OUT RST UN

OUT (Output) - Causes an output to turn on steady, pulse, momentary, toggle or off.

RST (Sensor Reset) - Causes the panel to perform a standard Sensor Reset.

UN (Unused) - The button is not used and performs no action.

13.11.8 PRESS TIME: XXXXX Button Press Time

This option specifies the amount of time (SHORT or LONG) the user must press the button before the key fob sends a message to the wireless receiver. The default press time displays. Press any Select key to set the Button Press Time for Arm, Disarm, Toggle, Status, Output, and Sensor Reset.

Note: The Button Press Time is not programmable on Panic (PN or PN2), Emergency (EM or EM2) or Unused (UN) zones. For those zones the button press time is always two (2) seconds.

SHORT LONG

SHORT - Press the button for one-half (1/2) second to send the message to the wireless receiver.

LONG - Press the button for two (2) seconds to send the message to the wireless receiver.

13.11.9 AREA: 1 2 3 4 5 6 Arm/Disarm Area Selection

For Area systems, enter the areas 1 to 6, to be armed/disarmed by the Key Fob button being programmed.

ARM AREAS: PERIM

This specifies the area to be armed by the Key Fob button being programmed.
For All/Perimeter systems, choose PERIM or ALL.
For Home/Sleep/Away or Home/Away systems, choose HOME, SLEEP, or AWAY.

After selecting the areas, for one-button key fobs the Zone No.: option displays. For two-button or four-button key fobs, the Key Fob Button Selection option displays to program additional buttons.

13.11.10 OUTPUT NO: 0 Output Number

You can specify a wireless output/Favorite to operate when OUT (Output), PN (Panic), PN2 (Panic 2), EM (Emergency), or EM2 (Emergency 2) is selected for a key fob Button Action and the button is pressed. Valid range is 31-34, 41-44, and F01-F20. For an output turned on by a PN, PN2, EM, or EM2 button action, the output turns off when any area is disarmed.

To enter an output number, press a top row Select key followed by the output number. Press the COMMAND key.

13.11.11 ACTION: Output Action

This option allows you to define the output action (STD, PLS, MOM, TGL, OFF) for the selected output number. The default is Steady.

STD PLS MOM TGL

STD (Steady) - The output is turned on and remains on.

PLS (Pulse) - The output alternates one second on and one second off.

MOM (Momentary) - The output is turned on only once for one second.

TGL (Toggle) - The output alternates between the on state and off state. Each button press toggles the output state.

OFF

OFF (Off) - The output is turned off. If programmed, the output was turned on by some other means such as another button press, a zone action, or a schedule.

Note: When the output is assigned to PN/PN2 or EM/EM2 button action and is turned on, the output turns off when any area is disarmed.

When the output action is steady, pulse or toggle and the output is turned on, the output remains on until:

- the output cutoff time expires
- the output is reset from the keypad menu
- toggled off

13.12 ALARM ACTION . . . Alarm Action

The Alarm Action section allows you to change or confirm the default alarm characteristics of a zone type.

If you selected the non-24-hour zone type Blank, Night, Day, Exit, Auxiliary 1, or Auxiliary 2, the Alarm Action programing begins with Disarmed Open.

If you selected the 24-hour zone type Fire, Panic, Emergency, or Supervisory, the Alarm Action programming begins with Armed Open.

13.13 DISARMED OPEN Disarmed Open

Defines the action taken by the panel when the zone is opened while the area is disarmed. There are three actions to define:

- Message to Transmit
- Output/Favorite Number
- Output Action

You must also make these selections for the Disarmed Short, Armed Open, and Armed Short zone conditions. Press the COMMAND key to continue.

13.13.1 MSG: **TROUBLE** Message To Transmit

You can send two report types to the receiver: Alarm and Trouble. These are represented by the characters A and T. Press any Select key to display the zone report options.

A T L -

ALARM - Selecting A allows an alarm report to be sent to the receiver and the wireless siren output to activate according to zone type. See the Bell Action section. The zone name appears in the panel's alarmed zones status lists.

TROUBLE - Selecting **T** allows a trouble report to be sent to the receiver and the zone name to appear in the panel's alarmed zones status lists.

LOCAL - When you select **L**, an alarm report is NOT sent to the receiver. The bell output still activates according to zone type and the zone name appears in the panel's alarmed zones status lists.

- (dash) - When you select **-** , reports are NOT sent to the receiver. The wireless siren output does not activate and there is no display in the panel's alarmed zones status list. Only the programmed Output Number activates.

12.13.2 OUTPUT NO: 0 Output Number

You can specify any of the outputs/Favorites on the XTL/XTLC to be activated by a zone condition. The output/Favorite can be activated regardless of the report to transmit or whether or not the zone is programmed as local. An output activated by a non-24-hour armed zone is turned off when the zone's area is disarmed by a user.

To enter an Output Number, press any Select key followed by the output number 31-34, 41-44, or F01-F20. Press the COMMAND key.

13.13.3 Output Action

ACTION:
NO YES

STD PLS MOM FOLW

Entering an Output Number displays this option that allows you to assign an output action. A description of the available output actions is given below:

STEADY - The output is turned on and remains on until the area is disarmed, an output cutoff time expires, or the output is reset from the keypad User Menu.

PULSE - The output alternates one second on and one second off until the area is disarmed, an output cutoff time expires, or the output is reset from the keypad User Menu.

MOMENTARY - The output is turned on only once for one second.

FOLLOW - The output is turned on and remains on while the zone is in an off normal, or bad condition. When the zone restores, the output is turned off.

After you have selected the Message To Transmit, the display prompts you for the same three selections for Disarmed Short, Armed Open, and Armed Short conditions. If the zone is a 24-hour type, only the Armed Open and Armed Short conditions are displayed. When you have programmed all of the zone conditions, the Swinger Bypass selection is then displayed.

13.14 Swinger Bypass

SWGR BYP NO **YES**

Selecting YES allows the zone to be swinger bypassed by the panel according to the programming in Swinger Bypass Trips and Reset Swinger Bypass. The Bypassed zone displays in the keypad Status List. Selecting NO disables swinger bypassing for this zone.

How it works

If within one hour, a zone trips the total number of times as specified in Swinger Bypass Trips, the panel bypasses it until the following conditions occur; the area in which the zone is assigned is disarmed, the zone is manually reset through the Bypass Zones keypad User Menu function, the zone remains normal for one hour and the Reset Swinger Bypass is YES.

If the zone trips fewer than the specified times within one hour of the first trip, the bypass trip counter returns to 0 (zero) and the process must be repeated.

A report of the swinger bypass is sent to the receiver if Bypass Reports is YES.

13.15 Prewarn Address

PREWARN: 12345

Option is only shown for an Exit zone.

At the start of the entry delay, all keypad addresses display **ENTER CODE:-**. If you want the prewarn to sound at all addresses, leave the default as shown.

To delete an address, press the matching number on the keypad. To disable prewarning at all keypads, press a top row key to clear the addresses shown. Press the COMMAND key when the address selection is complete.

Note: The prewarn tone stops at the keypad when the first digit of a user code is entered. If, within five seconds, a valid user code is not entered or an invalid user code is entered, the prewarn tone begins sounding again. Fifteen seconds must elapse before entering a digit silences the prewarn tone again.

13.16 Entry Delay

ENTRY DELAY: 1

Option is only shown for an Exit zone. Select the entry delay timer for this zone. Entry delay timers 1 and 2 are programmed in Entry Delay in the System Options menu.

13.17 Cross Zone

CRS ZONE **NO** YES

Select **YES** to enable cross-zoning for this zone. Cross-zoning requires this zone to trip twice, or this zone and another cross-zoned zone to trip, within a programmed time before an alarm report is sent to the receiver.

Note: To operate correctly, all cross-zone zones need to be programmed as the same zone type.

When a cross-zoned zone trips, the Output action assigned to the zone activates. See the Bell Action section. The cross-zone time specified in System Options begins to count down. See the Cross-Zone Time section. If another cross-zoned zone in the system faults, or if the first zone restores and faults again before the cross-zone time expires, the bell turns on and the panel sends an alarm report.

If no other cross-zoned zone in the system trips before the cross-zone time expires, the panel sends only a fault report from the first zone to the receiver.

Note: If CRS ZONE is YES, a valid CRS ZN TIME must be programmed in System Options for this feature to be enabled.

Cross-zoning is not compatible and cannot be enabled for Fire Verify zone types.

13.18 PRIORITY **NO** YES — Priority

Selecting **YES** allows you to provide additional protection for a zone by requiring it to be in a normal condition before its assigned area can be armed. A priority zone cannot be bypassed.

A Priority zone not in a normal condition cannot be armed. If a user attempts to arm the area, the keypad displays the bad zone name followed by **PRIORITY ZONE** and the arming is stopped.

13.19 TRAFFIC COUNT — Traffic Count

This option is displayed for NT or EX type zones. Select **YES** to provide reporting to the receiver of the number of zone trips while in a disarmed state. The number of trips for each zone set as traffic count are added together and included with the area closing message and reported to the central station automation system. Default is NO.

13.20 ZONE AUDIT DAYS: — Zone Audit Days

Enter the number of days (0 to 99) allowed to elapse without the zone being tripped before a fault message is sent. The message is sent to the receiver(s) programmed to receive Supervisory/Trouble Reports at 10:00 am following the expiration of the timer. Each time the zone is tripped, the Zone Audit Days timer restarts and begins to countdown the number of days programmed. After the countdown expires, a fault message is sent and the Zone Audit Days timer restarts and begins to countdown the number of days programmed. Available for all zone types except fire and fire verify. Enter 0 (zero) to disable this function. Default is 0 (zero).

13.21 RECEIVER ROUTING — Receiver Routing

This option displays if Zone Type is set for Auxiliary 1 or Auxiliary 2.

Press any top row key to select the Receiver Routing for the selected zone.

- Select NORM to send Alarm and Supv/Trbl messages from this zone to receiver 1 or receiver 2 as programmed within the receiver.
- Select 1 to send Alarm and Supv/Trbl messages from this zone to receiver 1 only, regardless of the programming for that receiver.
- Select 2 to send Alarm and Supv/Trbl messages from this zone to receiver 2 only, regardless of the programming for that receiver.
- Select BOTH to send Alarm and Supv/Trbl messages from this zone to both receivers, regardless of the programming for either receiver.

13.22 ZONE NO: - — Zone Number

Enter the zone number you want to program next. Return to section 11.1 and follow the descriptions of each programming option. If all zones are programmed, press the ARROW key at the **ZONE NO:** - display to continue.

Stop

14.1 STOP — Stop

At the **STOP** option, pressing any Select key allows you to exit the programmer function of the XTL/XTLC panel. When selected, the panel performs an internal reset and exits the programmer. The Stop function causes the following conditions to occur:

- All 1100 Series DMP Wireless transmitters are reset to NORMAL
- The panel's Status List is CLEARED

During the Stop function, all keypad displays are momentarily disabled for two seconds. Afterwards, the programming function is terminated and the keypads return to the Status List display.

Set Lockout Code

15.1 SET LOCKOUT CODE — Set Lockout Code

Pressing COMMAND at the Stop option displays **SET LOCKOUT CODE.** This feature allows you to program a special code that will then be required to gain access to the panel's internal Programmer through the keypad.

Changing the Lockout Code

You can change this code at any time to any combination of numbers from 1 to 5 digits long (1 to 65535). ***Do not use leading zeros for the lockout code***.

1. Press any Select key. The display changes to ENTER CODE: -.
2. Enter a 1- to 5-digit code (do not enter a number higher than 65535). Press COMMAND.
3. Enter the new Lockout Code again. Press COMMAND. The keypad display changes to **CODE CHANGED**.

Once you have changed the code, it is important that you write it down and store it in a safe place. Lost lockout codes require the panel to be sent back into DMP for repair. You may cancel a Lockout Code by entering 00000 at the Set Lockout Code command option.

Lockout Code restriction

Do not set a Lockout Code higher than 65535.

Appendix

This section of the XTL/XTLC Programming Guide provides additional zone and system information.

16.1 Status List

The Status List is the current status of the system or records of recent system events that display on alphanumeric keypads. For example, in Home/Away systems you may see the display **SYSTEM READY**.

If an event were to occur on the system, such as an AC failure, the keypad would also display the **AC POWER -TRBL** message. This is a system event that is placed into the Status List to alert the user to a problem with the system.

Some Status List items remain in the display until manually cleared and some are cleared automatically when the condition returns to normal. Below is a list of status and event displays the keypad can show in the Status List:

Description	Must be manually cleared?
Fire and Supervisory zone alarms	Yes - by Sensor Reset
Fire and Supervisory zone troubles	No - clears when zone restores
Burglary zone alarms	No - clears at disarming.
All other zone alarms	No - clears when zone restores
Zone monitor displays	No - clears after approximately 8 minutes
Day zone alerts	No - clears after approximately 8 minutes
System monitor troubles (AC and battery trouble)	No - clears when condition restores
Armed status display (System On)	No
Disarmed status displays (System Ready, System Not Ready)	No
Remote keypad messages (Sent to the keypad by your office or central station)	No

The highest priority message is displayed on the keypad. When there are multiple items in the list, you can use the COMMAND or Back Arrow keys to scroll forward or back through the items.

16.2 Transmission Delay

You can set Abort Reports to **YES** if Opening and Closing reports are not being sent.

If the area where the alarm occurred is disarmed during the Transmit Delay time, only an Abort Report (S45) message is sent to the receiver. If the area where the alarm occurred is disarmed after the alarm message is sent to the receiver but before the Bell Cutoff time expires, even if the alarm was silenced, an Alarm Cancelled (S49) message is sent. The Alarm Cancelled report cannot be disabled.

16.3 False Alarm Reduction

System Recently Armed report

The System Recently Armed report (S78) is sent when a burglary zone goes into alarm within two minutes of the system being armed.

16.4 Diagnostics Function

The XTL/XTLC panel contains a Diagnostics function that allows you to test the integrity of the CDMA cellular communication, cellular signal, and email communication. The Diagnostics function also displays the panel settings. To use Diagnostics, reset the panel, enter the Diagnostics code 2313 (DIAG), and press COMMAND.

Cellular Status

This option tests the individual components of cellular communication. Entry into the Cellular Status (CELL STATUS) menu will cause each component of the panel's cellular communication to be tested. The test will proceed until the first component failure or until all components have been tested with positive results. The test screen will display after each component and will be displayed for two seconds or until the CMD key has been pressed.

Cellular Signal Strength (CELL SIGNAL)

This option provides a way to test the cellular signal strength of the nearest tower for the SIM card carrier. Press any top row Select key to display cell signal strength. The X's represent the numerical value of the cell signal strength in -dBm. The ▌'s represent the signal strength 0-7.

Cell Roaming Indicator on XTLC

The Cellular Signal Strength option in the panel's Diagnostic menu contains a roaming indicator. When the XTLC is roaming or not in contact with a Verizon owned tower, ROAM will be displayed on the top line of the keypad along with the signal strength. To perform the cellular activation process from a keypad, the panel MUST be in contact with a Verizon owned tower. If the cellular communicator is in contact with a tower owned by another network, ROAM and the signal strength displays, but activation cannot be completed. This feature can be used as a diagnostic tool to troubleshoot activation issues.

Cellular Activation

Activation for XTL

1. In Remote Link panel communication programming, select Cellular Network as the Communication Type and select the Activate button. See Figure 4.
2. In the Activate SIM/MEID window, enter the SIM number, found on the SIM card.
3. Select the rate plan for the XTL. See Figure 5.
4. Select the Activate button at the bottom of the window.

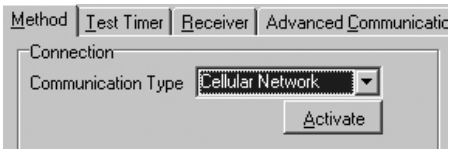


Figure 4: Remote Link Activation

Activation for XTLC

1. In Remote Link panel communication programming, select Cellular Network as the Communication Type and select the Activate button. See Figure 4.
   A. In the Activate SIM/MEID window, enter the MEID number, found on the XTLC label.
   B. Select the rate plan for the XTLC. See Figure 5.
   C. Select the Activate button at the bottom of the window.

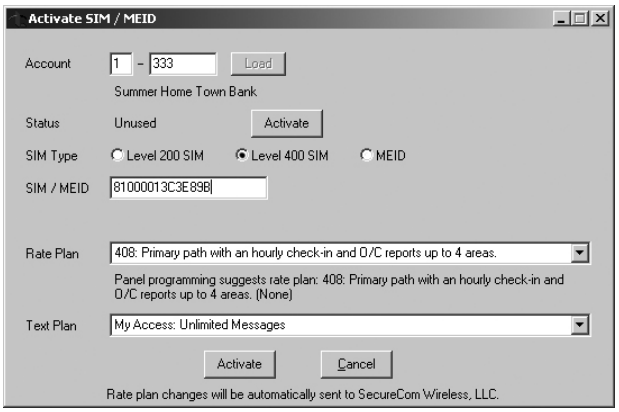


Figure 5: Activate SIM/MEID

2. After the XTLC is installed at the site, use a keypad and enter the panel's Diagnostics menu (2313). Press COMMAND until you reach the Activate Cell menu.

A. Select ACTIVATE CELL by pressing a top row Select Key.
B. Press the button beneath YES on the next screen to activate the device.

Note: The ACTIVATE CELL option will only display if a CDMA modem is installed and a Verizon Cellular Tower must be in contact with XTLC or activation cannot be completed.

Panel Settings

Hitting a top row key allows access to the Serial Number, Panel Model, and Firmware Version.

Serial Number

This number is the panel serial number. Reference this number for date-of-manufacture, hardware version, etc. Press the COMMAND key to view the next option.

Panel Model

This menu option displays the panel model.

Firmware Version

This menu option displays the Firmware Version number of the panel and date it was released.

Z-Wave Test Option

This feature allows the installer to test panel communication with Z-Wave devices. A successful test indicates a response from a device. Press any top row Select key to view the Z-Wave Device List.

Press COMMAND to advance through each Z-Wave device and press any top row Select key to begin the test on the device displayed.

The name of the device displays above the device number. The current number of successful communications followed by the total number of attempts displays to the right of the device number. The test stops after 99 attempts.

Press COMMAND to view the final number of successful communications.

Exiting the Diagnostics program

Press the COMMAND key until STOP displays. Press any Select key. The keypad returns to the Status List display.

16.5 Using the 984 Command Function

This feature allows the integrity of the cellular communication to be tested.

NBR: Not available for XTL/XTLC panels. If selected the keypad displays NO DIALER.

TEST: This option tests each function of the panel's cellular communication. The tests proceed until a function does not pass, or until all have been tested with positive results. The progress displays during each test.

PICKUP: Not available for XTL/XTLC panels. If selected the keypad displays NO DIALER.

16.6 Using the Walk Test

The XTL/XTLC panel provides a walk test feature that allows a single technician to test all the protection devices connected to zones on the system. Conduct the Walk Test within 30 minutes of resetting the panel. The Walk Test automatically ends if no zones are tripped for 20 minutes. **TEST IN PROGRESS** displays at all keypads. When five minutes remain, **TEST END WARNING** displays. If any areas are armed the Walk Test does not start and **SYSTEM ARMED** displays.

WALK TEST
STD WLS PIR

Walk Test

To conduct the Walk Test, reset the control panel by pressing the reset button then wait one minute. From the keypad, enter the code 8144. The keypad displays **WALK TEST**.

WLS (Wireless Check-in Test) - Select **WLS** to automatically test 1100 Series wireless transmitter communications. Includes all wireless devices except key fobs and transmitters programmed for a supervision time of 0 (zero).

PIR (Wireless PIR Walk Test) - The PIR Walk Test allows the installer to verify the 1126 and 1127 operation. When enabled, the 1126 LED flashes each time motion is detected for up to 30 minutes. This is a local test only and no messages are sent to the Central Station.

WALK TEST
TRIPS: XXX END

Trip Counter For DMP Wireless Check-in Test (WLS)

Displays the number of wireless zones that automatically communicate a supervisory check-in message.

•The number of zones that check in. (XX in the example).

•The total number of wireless zones programmed for supervision that should check in. (ZZ in the example).

END - Select END to stop the Wireless Check-in Test. When the test ends or a 20-minute time-out expires, normal wireless zone processing returns. If all transmitters check-in, both numbers will match within three (3) minutes. If a transmitter has multiple zones (1101, 1114, etc.), all zones will be included in the counts. Failed wireless zones then display on the keypad.

TEST END WARNING

Test End Warning

When no zones have been tripped and five minutes remain on the 20 minute Walk Test timer, the keypad displays **TEST END WARNING** and the keypad tones. If no additional test zone trips occur, the test ends and a final Sensor Reset automatically occurs. The System Test End message is sent to the receiver along with Verify and Fail messages for each zone under WALK test. Faulted zones then display on the keypad.

SOUTH LOBBY
ZONE: 10 -FAIL

Failed Zones Display

Each zone that did not trip at least once during the Walk Test displays on the keypad that initiated the test. Any Fire (FI) Panic (PN) or Supervisory (SV) 24-hour zone that is faulted at the end of the Walk Test displays a trouble condition for that zone regardless of the message programmed for the open or short condition of the zone and a zone trouble is sent to the receiver. Press the COMMAND key to display the next failed zone.

For the Wireless Check-in Test, failed wireless zones display only on the keypad. Zone Verify/Fail reports are not sent to the central station receiver for the wireless checkin test.

16.7 Keypad Speaker Operation

When using LCD Keypads, the panel provides distinct speaker tones from the keypad for Fire, Burglary, Zone Monitor, and Prewarn events. The list below details the conditions under which the speaker is turned on and off for each event.

Fire	**On** - Fire zone alarm and Bell Output are ON.
	Off - Alarm Silence or briefly when a key is pressed.
Burglary	**On** - Burglary zone alarm and Bell Output and is ON.
	Off - Alarm Silence or briefly when a key is pressed.
Zone Monitor	**On** - One time only when a monitored zone is tripped.
	Off - After one tone.
Prewarn	**On** - During Entry Delay.
	Off - When Entry Delay expires, when a Valid Code is entered, or when a key is pressed.

16.8 Cross Zoning

Caution must be taken when cross zoning devices to ensure that the Cross Zone Time is long enough to allow an intruder to trip both devices before it expires. A Cross Zone Time that is too short may allow an intruder to trip the devices and allow only a zone fault report be sent to the central station.

When a Cross Zoned zone trips, a FAULT report is sent to the SCS-1R Receiver. When two Cross Zoned zones trip within the Cross Zone Time, both zones send ALARM signals to the receiver. For example, if zones 1 and 2 are Cross Zoned zones, and only zone 1 trips, a FAULT report is sent to the receiver for zone 1. If zone 1 trips and zone 2 trips within the Cross Zone Time, an ALARM report is sent to the receiver for zone 1 and zone 2.

Note: To operate correctly, all cross-zone zones need to be programmed as the same zone type.

16.9 Zone Type Descriptions

This section describes applications for the default zone types in Zone Information programming.

NT (Night Zone) - Controlled instant zone used for perimeter doors and windows and interior devices such as PIRs and glassbreak detectors.

DY (Day zone) - Used for emergency doors or fire doors to sound the keypad buzzer and display the zone name when the zone is faulted. Day zones also will send alarm reports to the receiver during the system's armed periods.

EX (Exit zone) - Initiates the entry delay timer when its assigned area is fully armed. Also, can initiate an exit delay timer to allow a user to exit an area after the arming process has started.

PN (Panic zone) - Used for connecting to mechanical devices that allow a user to signal an emergency alarm. Panic zones can provide either a silent or audible alarm with or without reporting to a central station receiver.

EM (Emergency zone) - These are used for reporting medical or other non-panic emergencies to the central station.

SV (Supervisory zone) - Used to provide 24-hour zone supervision. Typical applications are high water, and low and high temperature gauges.

FI (Fire zone) - Used for any type of powered or mechanical fire detection device. Typical applications are for smoke detectors, sprinkler flow switches, manual pull stations, and beam detectors.

FV (Fire Verify zone) - Used primarily for smoke detector circuits to verify the existence of an actual fire condition. When a Fire Verify zone initiates an alarm, the panel performs a Fire Reset. If any Fire zone initiates an alarm within 120 seconds after the reset, an alarm is indicated. If an alarm is initiated after 120 seconds, the cycle is repeated.

A1 and **A2** (Auxiliary 1 and Auxiliary 2) - These zones are similar to a Night zone and are typically used to protect restricted areas within a protected premises. Auxiliary 2 zones do not appear in the Status List.

AR (Arming zone) - Allows you to connect a keyswitch to a zone and use it to arm and disarm the system.

XTL/XTLC Zone Information

Assign Area and Disarmed condition for NT, DY, EX, A1, and A2 only.
Assign Prewarn and Entry Delay for EX only.
Assign Style for AR only.
Assign 31 to 34 or 41 to 44 to Key Fobs.
Wireless output modules can be assigned to 31 to 34 and 41 to 44.
Supervision Time of 3 minutes can only be used with Zone Types FI, FV and SV.

Zone Type Defaults

	Key Fob	Type	Area	DMP Wireless									Disarmed Open			Disarmed Short			Armed Open			Armed Short											
				Contact	External Contact N/O?	1114 Contact	Supervision Time	LED Operation	Disarm-Disable	PIR Pulse Count	Sensitivity	Message	Output *	Action	Message	Output *	Action	Message	Output *	Action	Message	Output *	Action	Swinger	Prewarn	Entry Delay	Cross Zone	Priority	Traffic Count	Zone Audit Days	Receiver Routing	Style
	N or Y	-- NT DY EX FI PN EM SV A1 A2 FV AR	INT BDRM PERIM or 1 to 6	INT or EXT	N or Y	1 2 3 4	0 3 60 240	N or Y	N or Y	2 or 4	Low or High	A T L -	0	S P M F	A T L -	0	S P M F	A T L -	0	S P M F	A T L -	0	S P M F	N or Y	1 to 5	1 or 2	N or Y	N or Y	N or Y	0 to 99	NORM 1 2 BOTH	TGL ARM DIS STEP MNT
NIGHT	N	NT		INT	N	1	240	Y	Y	4	Low	-	0	S	-	0	S	A	0	S	A	0	S	Y			N	N	N	0		
DAY	N	DY		INT	N	1	240	Y		4	Low	T	0	S	T	0	S	A	0	S	A	0	S	Y			N	N		0		
EXIT	N	EX		INT	N	1	240	Y	Y	4	Low	-	0	S	-	0	S	A	0	S	A	0	S	Y	1-5	1	N	N	N	0		
FIRE	N	FI		INT	N	1	240	Y		4	Low							T	0	S	A	0	S	N			N					
PANIC	N	PN		INT	N	1	240	Y		4	Low							T	0	S	A	0	S	N			N	N		0		
EMERGENCY	N	EM		INT	N	1	240	Y		4	Low							T	0	S	A	0	S	N			N	N		0		
SUPERVISORY	N	SV		INT	N	1	240	Y		4	Low							T	0	S	A	0	S	N			N	N		0		
AUXILIARY 1	N	A1		INT	N	1	240	Y		4	Low	T	0	S	A	0	S	T	0	S	A	0	S	N			N	N		0	NORM	
AUXILIARY 2	N	A2		INT	N	1	240	Y		4	Low	T	0	S	A	0	S	T	0	S	A	0	S	N			N	N		0	NORM	
FIRE VERIFY	N	FV		INT	N	1	240	Y		4	Low							T	0	S	A	0	S	N								
ARMING	N	AR		INT	N	1	240	Y		4	Low																			0		TGL

* Outputs = 31 to 34, or 41 to 44.

= This function not available for this zone type.

16.9 Zone Type Defaults

The XTL/XTLC panel contains 11 default zone types that provide the most commonly selected functions for their applications. All zone types can be customized by changing the variable options listed below.

Key Fob - Indicates if a DMP key fob is programmed.

Type - These are the abbreviations displayed on the keypad for the zone types.

Area - For a ALL/PERIM or HOME/SLEEP/AWAY system, this is either Interior, Bedroom, or Perimeter. For an AREA system use 1 to 6.

Wireless - 1100 Series Wireless options.

Contact - Indicates if the Universal Transmitter is programmed to use the internal or external contact.

External Contact N/O? - Identifies whether externally installed contacts are programmed as a normally open (N/O) or normally closed (N/C) circuit. Y = N/O Contacts. N = N/C Contacts.

1114 Contact - Indicates if the 1114 Zone Expander is programmed for contact(s) 1, 2, 3, or 4.

Supervision Time - Selects the number of minutes for DMP wireless supervision.

1142 LED Operation - Identifies DMP 1142 Wireless Two-Button transmitter LED operation.

Disarm/Disable - Disables zone tripped messages from 1103 Transmitters and 1126/1127 PIRs while disarmed.

PIR Pulse Count - Selects the number of pulse counts the 1126/1127 uses before sending a short message.

Sensitivity - Sets sensitivity for the 1126/1127 PIR.

Message - A = alarm report, T = trouble report,
L = local with no report, — (dash) = no report.

Output - 31 to 34 and 41 to 44 wireless outputs or wireless key fob zones.

Action - This selects the type of relay output:
S = steady, P = pulse, M = momentary, and F = follow

Swinger Bypass - The zone can be automatically bypassed after a programmed number of trips.

Prewarn - This selects the keypad address that sounds the entry prewarn for this zone.

Entry Delay - Selects the entry delay timer used for this zone.

Priority - Requires this zone to be in a normal condition before the area can be armed.

Traffic Count - Provides the number of zone trips per area for Night and Exit type zones in a disarmed state.

Zone Audit Days - Number of days allowed to elapse without a zone being tripped before a message is sent.

Receiver Routing - This selects the routing option for Auxiliary 1 or Auxiliary 2 zone types.

Style - The abbreviations that display on the keypad for arming zone style. TGL = Toggle,

ARM = Arm only, DIS = Disarm only,
STEP = Wireless arming, MNT = Maintain

16.10 Common Keypad Messages

Message	Meaning	Possible Solutions
INVALID CODE	The user code you have entered is not recognized by the system.	Check the user code and try again.
CLOSING TIME	The schedule has expired but the system has not been armed.	Users still on the premise should arm the system or extend the schedule to a later time.
KEYPAD NAME - NOPWR	Wireless keypad is not getting proper power.	Check that AC/DC transformer is plugged in correctly.
AC TROUBLE	The system is not getting proper power.	Check that the AC connections are good.
BATTERY TROUBLE	The battery is either low or missing.	Check that the battery connections are good and the battery is still good.
SYSTEM TROUBLE or SERVICE REQUIRED	There is a problem with one or more components in the system.	Press the reset button for 1-2 seconds.
SYSTEM BUSY	The system is performing another task with a higher priority.	Wait a few moments for the system to complete the task. If the message displays for a long period of time, the processor could be locked up.
TRANSMIT FAIL	The panel has attempted to communicate with the central station 10 times and has not succeeded.	Verify your communication type, account number, and IP address.
ENTER CODE (When entering Programming)	A lockout code has been programmed for the panel.	Enter the lockout code.

16.11 Z-Wave Certification Information

The 738Z is a security enabled Z-Wave product and is designed to be used as a primary controller.

The XFER feature allows an existing 3rd party network to be transferred into the 738Z. To add the 738Z to another 3rd party network, please contact technical support. This function is available with Remote Link.

The 738Z can support Z-Wave products from different vendors and product categories. It is recommended to use devices listed on the buy.dmp.com site for best performance.

Z-Wave terminology:

- Inclusion is the process of adding a device to the Z-Wave network. The new device is ‘included’ into the Z-Wave network. See “Adding 6-Wave Devices” in section 7 of Z-Wave Setup in this programming guide.
- Exclusion is the process of removing a device from the Z-Wave network. The new device is ‘excluded’ from the Z-Wave network. See “Remove” in section 6 of Z-Wave Setup in this programming guide.
- Replication is the process of copying network information to another device (typically a Z-Wave controller) in the Z-Wave network. See “Transfer Control” in Z-Wave Setup in this programming guide.

Revisions to This Document

This section explains the changes made to this document during this revision. It lists the date and identifies the change(s) made, the related section number and section heading, and a summary of the change.

Ver.	Section Number and Heading	Quick Explanation of Changes
1.07	Entire Document	Added references to XTLC
	Entire Document	Removed Z-Wave Setup
	9.19 Weather Zip Code	Added section
	17.4 Diagnostics Function	Added Cell Roaming Indicator on XTLC section
	18.3 Diagnostics Function	Added Z-Wave Diagnostics function
1.06	11.13 Heat Saver Temperature	Added section
	11.14 Cool Saver Temperature	Added section
1.05	6.1-6.8 Z-Wave Setup	Added section
	11.1 Output Options	Added Z-Wave Favorites references
	11.6 Panic Alarm Output	Added section
	11.8 Begin Exit Output	Added section
	11.9 End Exit Output	Added section
	11.11 Armed Output	Added Z-Wave Favorites references
	11.12 Disarmed Output	Added section
	11.13 Burglary Output	Added section
	17.11 Z-Wave Certification Information	Added section
1.04	8.18 False Alarm Question	Added option
	16.4 Diagnostics	Added Cellular Signal option and reference to dB indication
1.03	4.1 Messaging Setup	Added MyAccess™ information Added Late to Open and Early to Close to list of messages
	4.5 Destination 1 User Number	Added MyAccess™ information
	4.12 Monthly Limit	Added MyAccess™ information
	8.9 Swinger Bypass Trips	Added section
	13.14 Swinger Bypass	Changed Swinger Bypass trip information
	16.9 Zone Type Defaults	Changed Swinger Bypass trip information
1.02	5.4 Wireless	Added Wireless option
	9.3 Automatic Bell Test	Added Closing Wait operation explanation
	10.7 Arm-Alarm Output	Changed output to three minutes
	13.10 Contact	Added Normally Open section
	16.6 Using the Walk Test	Added missing options
	16.8 Cross Zoning	Added Cross Zoning information section
	16.9 Zone Type Defaults	Added Disarm-Disable, PIR Pulse Count, and Sensitivity

Certifications

California State Fire Marshall (CSFM)

ANSI/SIA CP-01 False Alarm Reduction

ANSI/UL 1023 Household Burglar

ANSI/UL 985 Household Fire Warning

ANSI/UL 1610 Central Station Burglar (Cellular)

FCC Wireless Approvals
- FCC Part 15 ID: CCKPC0117
- Industry Canada ID: 5251A-PC0117

FCC Cellular Approvals for XTL
- Cellular FCC: MIVGSM0308
- Cellular Industry Canada: 4160A-GSM0308

FCC Cellular Approvals for XTLC
- Cellular FCC Part 15: MIVCNN0301
- Cellular Industry Canada: 4160A-CNN0301

ANSI/SIA CP-01 False Alarm Reduction

ANSI/UL 1023 Household Burglar

ANSI/UL 985 Household Fire Warning

ANSI/UL 1610 Central Station Burglar (Cellular)

800-641-4282

www.dmp.com

Designed, Engineered and Assembled in USA

INTRUSION • FIRE • ACCESS • NETWORKS

2500 North Partnership Boulevard

Springfield, Missouri 65803-8877

LT-1108 1.07 © 2015 Digital Monitoring Products, Inc.

15105